

Study plan

Name of study plan: Navazující Architektura a urbanismus 2020

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Architecture and Urbanism

Type of study: Follow-up master full-time

Required credits: 112

Elective courses credits: 8

Sum of credits in the plan: 120

Note on the plan: Dobíhající studijní program - akreditace do 31.12.2024

Name of the block: Compulsory courses

Minimal number of credits of the block: 96

The role of the block: Z

Code of the group: ATRN

Name of the group: Ateliér - realizační

Requirement credits in the group: In this group you have to gain 11 credits

Requirement courses in the group: In this group you have to complete at least 1 course

Credits in the group: 11

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
521ATRN	Studio-Implementation Project Veronika Šindlerová, Petr Klápště, Jakub Vorel, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)	KZ	11	0P+6C		z
599ATRN	Studio-Implementation Project Jiří Šrubař Jiří Šrubař Jiří Šrubař (Gar.)	KZ	11	0P+6C		z
528ATRN	Studio-Implementation Project Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stibral, Dalibor Hlaváček Zdeněk Zavřel (Gar.)	KZ	11	0P+6C		z
516ATRN	Martin Gsandtner, Henri Hubertus Achten, Miloš Florián	KZ	11	0P+6C		z
514ATRN	Studio-Implementation Project Tomáš Efler, Václav Gírsa Václav Gírsa (Gar.)	KZ	11	0P+6C		z
520ATRN	Studio-Implementation Project Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Chmelová, Radmila Fingerová, Klára Concepcion (Gar.)	KZ	11	0P+6C		z
518ATRN	Studio-Implementation Project Edita Lisecová, Miroslav Pazdera, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenko, David Belko, David Tichý, Ondřej Císler Ondřej Císler (Gar.)	KZ	11	0P+6C		z
519ATRN	Studio-Implementation Project Jiří Klokočka, Ivan Plicka, Michal Kuzemenský, Tomáš Zmek, Michal Škrna, Jan Jehlík, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Jiří Klokočka (Gar.)	KZ	11	0P+6C		z
527ATRN	Studio-Implementation Project Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Alena Šrámková, Jan Jakub Tesař, Vojtěch Sosna Ján Stempel Ján Stempel (Gar.)	KZ	11	0P+6C		z
529ATRN	Studio-Implementation Project Zdeněk Fránek, Miroslav Baum, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šepka, Petr Suske, Vaso Perovič, Marek Chalupa Ladislav Lábus	KZ	11	0P+6C		z
515ATRN	Studio-Implementation Project Patrik Tichý, Vladimír Soukenka	KZ	11	0P+6C		z

Characteristics of the courses of this group of Study Plan: Code=ATRN Name=Ateliér - realizační

521ATRN	Studio-Implementation Project	KZ	11
599ATRN	Studio-Implementation Project	KZ	11
528ATRN	Studio-Implementation Project	KZ	11

516ATRN		KZ	11
514ATRN	Studio-Implementation Project	KZ	11
520ATRN	Studio-Implementation Project	KZ	11
518ATRN	Studio-Implementation Project	KZ	11
519ATRN	Studio-Implementation Project	KZ	11
527ATRN	Studio-Implementation Project	KZ	11
529ATRN	Studio-Implementation Project	KZ	11
515ATRN	Studio-Implementation Project	KZ	11

Code of the group: ATS1

Name of the group: Ateliér - soubor staveb

Requirement credits in the group: In this group you have to gain at least 9 credits (at most 11)

Requirement courses in the group: In this group you have to complete at least 1 course

Credits in the group: 9

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
540ATS1	Studio-Building Complex <i>Dalibor Hlaváček, Winy Maas Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
516ATS1	Studio-Building Complex <i>Martin Gsandtner, Henri Hubertus Achten, Miloš Florián</i>	KZ	11	0P+8C		z
514ATS1	Studio-Building Complex <i>Tomáš Efler, Václav Gírsa</i>	KZ	11	0P+8C		z
515ATS1	Studio-Building Complex <i>Vladimír Soukenka, Jan Tůma</i>	KZ	11	0P+8C		z
518ATS1	Studio-Building Complex <i>Edita Lisecová, Miroslav Pazdera, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Edit Lisecová Boris Redčenkov (Gar.)</i>	KZ	11	0P+8C		z
599ATSS	Studio-Building Complex <i>Jiří Šrubař Jiří Šrubař Jiří Šrubař (Gar.)</i>	KZ	11	0P+8C		z
527ATS1	Studio-Building Complex <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Alena Šrámková, Jan Jakub Tesař, Vojtěch Sosna</i>	KZ	11	0P+8C		z
528ATS1	Studio-Building Complex <i>Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stibral,</i>	KZ	11	0P+8C		z
529ATS1	Studio-Building Complex <i>Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Petr Suske, Vaso Perovič, Marek Chalupa</i>	KZ	11	0P+8C		z
520ATS1	Studio-Building Complex <i>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwalder, Adéla Chmelová, Radmila Fingerová, Jitka Trevisan (Gar.)</i>	KZ	11	0P+8C		z
521ATS1	Studio-Building Complex <i>Veronika Šindlerová, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)</i>	KZ	11	0P+8C		z
519ATS1	Studio-Building Complex <i>Jiří Klokočka, Ivan Plicka, Michal Kuzemenský, Tomáš Zmek, Michal Škrna, Jan Jehlík, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Jan Jehlík (Gar.)</i>	KZ	11	0P+8C		z

Characteristics of the courses of this group of Study Plan: Code=ATS1 Name=Ateliér - soubor staveb

540ATS1	Studio-Building Complex	KZ	11
516ATS1	Studio-Building Complex	KZ	11
514ATS1	Studio-Building Complex	KZ	11
515ATS1	Studio-Building Complex	KZ	11
518ATS1	Studio-Building Complex	KZ	11
599ATSS	Studio-Building Complex	KZ	11
Carrying out a project of a building complex based on consultations with the teacher			
527ATS1	Studio-Building Complex	KZ	11
528ATS1	Studio-Building Complex	KZ	11
529ATS1	Studio-Building Complex	KZ	11
520ATS1	Studio-Building Complex	KZ	11
521ATS1	Studio-Building Complex	KZ	11
519ATS1	Studio-Building Complex	KZ	11

Code of the group: ATUR

Name of the group: Ateliér - urbanismus

Requirement credits in the group: In this group you have to gain at least 11 credits (at most 13)

Requirement courses in the group: In this group you have to complete at least 1 course

Credits in the group: 11

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
514ATUR	Studio-Urban Design <i>Tomáš Efler, Václav Gírsa Václav Gírsa (Gar.)</i>	KZ	11	0P+8C		z
515ATUR	Studio-Urban Design <i>Vladimír Soukenka Vladimír Soukenka Vladimír Soukenka (Gar.)</i>	KZ	11	0P+8C		z
516ATUR	Studio-Urban Design <i>Henri Hubertus Achten, Miloš Florián Henri Hubertus Achten (Gar.)</i>	KZ	11	0P+8C		z
518ATUR	Studio-Urban Design <i>Edita Lisecová, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Michal Kohout Michal Juha (Gar.)</i>	KZ	11	0P+8C		z
519ATUR	Studio-Urban Design <i>Jiří Klokočka, Ivan Plicka, Michal Kuzemenský, Tomáš Zmek, Michal Škrna, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Jan Novotný Jiří Klokočka (Gar.)</i>	KZ	11	0P+8C		z
520ATU	Studio-Urban Design	KZ	13	0P+8C		z
527ATUR	Studio-Urban Design <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Jan Jakub Tesař, Vojtěch Sosna Zdeněk Rothbauer (Gar.)</i>	KZ	11	0P+8C		z
528ATUR	Studio-Urban Design <i>Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stíbral Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
599ATU	Studio-Urban Design <i>Jiří Šrubař Jiří Šrubař Jiří Šrubař (Gar.)</i>	KZ	11	0P+8C		z
529ATUR	Studio-Urban Design <i>Zdeněk Fránek, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Petr Suske, Marek Chalupa Petr Hájek (Gar.)</i>	KZ	11	0P+8C		z
540ATUR	Studio-Urban Design <i>Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
521ATUR	Studio-Urban Design <i>Veronika Šindlerová, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)</i>	KZ	11	0P+8C		z

Characteristics of the courses of this group of Study Plan: Code=ATUR Name=Ateliér - urbanismus

514ATUR	Studio-Urban Design	KZ	11
515ATUR	Studio-Urban Design	KZ	11
516ATUR	Studio-Urban Design	KZ	11
518ATUR	Studio-Urban Design	KZ	11
519ATUR	Studio-Urban Design	KZ	11
520ATU	Studio-Urban Design	KZ	13
527ATUR	Studio-Urban Design	KZ	11
528ATUR	Studio-Urban Design	KZ	11
599ATU	Studio-Urban Design Carrying out an urban design project based on consultations with the teacher	KZ	11
529ATUR	Studio-Urban Design	KZ	11
540ATUR	Studio-Urban Design	KZ	11
521ATUR	Studio-Urban Design	KZ	11

Code of the group: ATVZ

Name of the group: Ateliér - volné zadání

Requirement credits in the group: In this group you have to gain 11 credits

Requirement courses in the group: In this group you have to complete at least 1 course

Credits in the group: 11

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
521ATVZ	Studio-Free Assignment <i>Veronika Šindlerová, Petr Klápště, Jakub Vorel, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)</i>	KZ	11	0P+8C		z

516ATVZ	Studio-Free Assignment <i>Henri Hubertus Achten, Miloš Florián, Jiří Pavlíček Henri Hubertus Achten</i>	KZ	11	0P+8C		z
528ATVZ	Studio-Free Assignment <i>Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stibral, Zdeněk Zavřel (Gar.)</i>	KZ	11	0P+8C		z
514ATVZ	Studio-Free Assignment <i>Václav Gírsa Václav Gírsa (Gar.)</i>	KZ	11	0P+8C		z
515ATVZ	Studio-Free Assignment <i>Vladimír Soukenka, Jan Tůma, Pavla Kvízová</i>	KZ	11	0P+8C		z
520ATVZ	Studio-Free Assignment <i>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwalder, Adéla Chmelová, Radmila Fingerová, Jitka Trevisan (Gar.)</i>	KZ	11	0P+8C		z
519ATVZ	Studio-Free Assignment <i>Jiří Klokočka, Ivan Plicka, Michal Kuzemenský, Tomáš Zmek, Michal Škrna, Jan Jehlík, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Radek Kolařík (Gar.)</i>	KZ	11	0P+8C		z
527ATVZ	Studio-Free Assignment <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Alena Šrámková, Jan Jakub Tesař, Vojtěch Sosna Ján Stempel (Gar.)</i>	KZ	11	0P+8C		z
529ATVZ	Studio-Free Assignment <i>Zdeněk Fránek, Mírko Baum, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Vaso Perovič,</i>	KZ	11	0P+8C		z
540ATVZ	Studio-Free Assignment <i>Dalibor Hlaváček, Winy Maas Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
599ATVZ	Studio-Free Assignment <i>Jiří Šrubař Jiří Šrubař Jiří Šrubař (Gar.)</i>	KZ	11	0P+8C		z
518ATVZ	Studio-Free Assignment <i>Edita Lisecová, Miroslav Pazdera, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Ondřej Císler Ondřej Císler (Gar.)</i>	KZ	11	0P+8C		z

Characteristics of the courses of this group of Study Plan: Code=ATVZ Name=Ateliér - volné zadání

521ATVZ	Studio-Free Assignment	KZ	11
516ATVZ	Studio-Free Assignment	KZ	11
528ATVZ	Studio-Free Assignment	KZ	11
514ATVZ	Studio-Free Assignment	KZ	11
515ATVZ	Studio-Free Assignment	KZ	11
520ATVZ	Studio-Free Assignment	KZ	11
519ATVZ	Studio-Free Assignment	KZ	11
527ATVZ	Studio-Free Assignment	KZ	11
529ATVZ	Studio-Free Assignment	KZ	11
540ATVZ	Studio-Free Assignment	KZ	11
599ATVZ	Studio-Free Assignment	KZ	11
Carrying out a project of a chosen assignment based on consultations with the teacher and specialists			
518ATVZ	Studio-Free Assignment	KZ	11

Code of the group: DP

Name of the group: Diplomní projekt

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 at least 1 course

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
518DP	Diploma Project <i>Edita Lisecová, Miroslav Pazdera, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Michal Kohout Ondřej Císler (Gar.)</i>	Z	28	0P+28C		z
528DP	Diploma Project <i>Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stibral,</i>	Z	28	0P+28C		z
516DP	Diploma Project <i>Henri Hubertus Achten, Miloš Florián</i>	Z	28	0P+28C		z
515DP	Diploma Project <i>Vladimír Soukenka Vladimír Soukenka</i>	Z	28	0P+28C		z
514DP	Diploma Project <i>Václav Gírsa Tomáš Efler Václav Gírsa (Gar.)</i>	Z	28	0P+28C		z
513DP	Diploma Project	Z	28	0P+20C		z

521DP	Diploma Project <i>Veronika Šindlerová, Karel Maier, Šimon Vojtík</i> Veronika Šindlerová Šimon Vojtík (Gar.)	Z	28	0P+28C		z
527DP	Diploma Project <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Alena Šrámková, Jan Jakub Tesař, Vojtěch Sosna</i> Ján Stempel	Z	28	0P+28C		z
529DP	Diploma Project <i>Zdeněk Fránek, Mírko Baum, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Vaso Perovič, Zdeněk Fránek</i> (Gar.)	Z	28	0P+28C		z
520DP	Diploma Project <i>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Chmelová, Radmila Fingerová, Klára Concepcion</i> (Gar.)	Z	28	0P+28C		z
519DP	Diploma Project <i>Jiří Klokočka, Ivan Plicka, Michal Kuzemský, Tomáš Zmek, Michal Škrna, Jan Jehlík, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Jan Jehlík</i> (Gar.)	Z	28	0P+28C		z

Characteristics of the courses of this group of Study Plan: Code=DP Name=Diplomní projekt

518DP	Diploma Project	Z	28
528DP	Diploma Project	Z	28
516DP	Diploma Project	Z	28
515DP	Diploma Project	Z	28
514DP	Diploma Project	Z	28
513DP	Diploma Project	Z	28
521DP	Diploma Project	Z	28
527DP	Diploma Project	Z	28
529DP	Diploma Project	Z	28
520DP	Diploma Project	Z	28
519DP	Diploma Project	Z	28

Code of the group: POVINNÉ NAU 2020

Name of the group: Povinné navazující AU 2020

Requirement credits in the group: In this group you have to gain 26 credits

Requirement courses in the group: In this group you have to complete at least 11 courses

Credits in the group: 26

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
513DAT7	History and Theory of Architecture VII <i>Jana Tichá Jana Tichá</i> (Gar.)	ZK	2	2P+0C	L	z
520DEN1N	Dendrology I <i>Romana Michalková Romana Michalková</i> (Gar.)	ZK	2	2P+0C	L	z
521EKL1	Ecology I <i>Petr Klápště, Petr Sklenička</i> Petr Klápště Petr Klápště (Gar.)	ZK	2	2P+0C	L	z
519U4N	Urban Design <i>Jan Jehlík, Jana Zdráhalová, Sára Šálková Roeselová, Lenka Burgerová</i> Jan Jehlík Jana Zdráhalová (Gar.)	Z,ZK	3	2P+1C	Z	z
518NS6N	Ensembles and Big Buildings <i>Michal Kohout, David Belko, Arnošt Navrátil, Michal Juha, Zbyšek Stýblo, Patrik Kotas, Karel Fořt</i> Michal Kohout Michal Kohout (Gar.)	ZK	2	2P+0C	Z	z
524P	Law <i>Jiří Plos, Daniela Bošová</i> Daniela Bošová Jiří Plos (Gar.)	ZK	2	2P+0C	L	z
524PRES2	2 <i>Daniela Bošová, Dana Měšťanová, Radka Navrátilová, Václav Tatýrek, Veronika Sojková, Michaela Kostecká</i> Radka Navrátilová Dana Měšťanová (Gar.)	Z,ZK	3	2P+1C	Z	z
524PRES3	3 <i>Karel Maier, Jan Bittner, Daniela Bošová, Dana Měšťanová, Václav Tatýrek, Vít Rezáč</i> Dana Měšťanová Karel Maier (Gar.)	Z,ZK	3	2P+1C	L	z
524TZ1N	Municipal Engineering <i>Daniela Bošová, Zuzana Vyoralová, Petr Hrdlička, Lenka Prokopová, Jaroslava Rolínková</i> Lenka Prokopová Zuzana Vyoralová (Gar.)	Z,ZK	2	1P+1C	Z	z
521UP1	Urban Planning <i>Veronika Šindlerová, Petr Klápště, Jakub Vorel, Karel Maier, Jan Bittner, Vít Rezáč</i> Jakub Vorel Karel Maier (Gar.)	Z,ZK	3	2P+1C	Z	z
523PS6N	<i>Tomáš Klanc, Aleš Marek, Vladimír Daňkovský, Jaroslava Babánková</i> Tomáš Klanc Vladimír Daňkovský (Gar.)	KZ	2	2P+0C	Z	z

Characteristics of the courses of this group of Study Plan: Code=POVINNÉ NAU 2020 Name=Povinné navazující AU 2020

513DAT7	History and Theory of Architecture VII	ZK	2
520DEN1N	Dendrology I	ZK	2

521EKL1	Ecology I	ZK	2
519U4N	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.			
518NS6N	Ensembles and Big Buildings	ZK	2
524P	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)			
524PRES2	2	Z,ZK	3
Solution arrangement of structure and process flow sheet, solution technoloical structure, planing card, planning and scheduling of building, PERT, spativ - temporal chart, gant chart, structure of building site and solution of building traffic, enioment protection during implamation, feasibility study of building implamation, processing and seliction of building method, flow - line process.			
524PRES3	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.			
524TZ1N	Municipal Engineering	Z,ZK	2
Structure of settlement utilities, resources, transfer, consumption, water supply of settlements, drainage of settlements, integrated systems of solid waste management, water courses, water basins, energy supply of settlements, fossil energ. resources, nuclear energy, alternative energy resources, transfer of information, ecology and urban space, sustainable development.			
521UP1	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.			
523PS6N		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.			

Name of the block: Elective courses

Minimal number of credits of the block: 16

The role of the block: V

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>Vladimír Soukenka, Jan Tůma, Pavla Kvízová Vladimír Soukenka (Gar.)</i>	KZ	4	0P+4C		v
518ATV	Studio-Elective Course <i>Edita Lisecová, Miroslav Pazdera, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Ondřej Císler Ondřej Císler (Gar.)</i>	KZ	4	0P+4C		v
519ATV	Studio-Elective Course <i>Jiří Klokočka, Ivan Plicka, Michal Kuzemenský, Tomáš Zmek, Michal Škrna, Jan Jehlík, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Jan Jehlík (Gar.)</i>	KZ	4	0P+4C		v
527ATV	Studio-Elective Course <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Alena Šrámková, Jan Jakub Tesař, 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, Jan Šépka, Petr Suske, Vaso Perovič, 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 Tvarůžek, Josef Šafařík, 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, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stibral,</i>	KZ	4	0P+4C		v

599ATV	Studio-Elective Course <i>Jiří Šrubař Jiří Šrubař Jiří Šrubař (Gar.)</i>	KZ	4	0P+4C		v
540ATV	Studio-Elective Course <i>Dalibor Hlaváček, Winy Maas Dalibor Hlaváček (Gar.)</i>	KZ	4	0P+4C		v
520ATV	Studio-Elective Course <i>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Chmelová, Radmila Fingerová, 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>Veronika Šindlerová, Petr Klápště, Jakub Vorel, Karel Maier, Šimon Vojtík, Jan Bittner, 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

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
520ATV	Studio-Elective Course	KZ	4
511ATV	Studio-Elective Course	KZ	4
521ATV	Studio-Elective Course	KZ	4

Code of the group: DSN

Name of the group: Diplomní seminář navazující

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
516DSN	Diploma Seminar <i>Miloš Florián</i>	KZ	2	0P+2C		v
521DSN	Diploma Seminar <i>Veronika Šindlerová, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)</i>	KZ	2	0P+2C		v
528DSN	Diploma Seminar <i>Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlaváček, Martin Čeněk, Jan Stíral, Zdeněk Zavřel (Gar.)</i>	KZ	2	0P+2C		v
514DSN	Diploma Seminar <i>Tomáš Efler, Václav Gírsa Václav Gírsa (Gar.)</i>	KZ	2	0P+2C		v
520DSN	Diploma Seminar <i>Tomáš Efler, Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Chmelová, Jitka Trevisan (Gar.)</i>	KZ	2	0P+2C		v
518DSN	Diploma Seminar <i>Edita Lisecová, Miroslav Pazdera, Ondřej Tuček, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Michal Kohout Ondřej Císler (Gar.)</i>	KZ	2	0P+2C		v
519DSN	Diploma Seminar <i>Jiří Klokočka, Ivan Plicka, Michal Kuzemenský, Tomáš Zmek, Michal Škrna, Jan Jehlík, Jana Zdráhalová, Petra Kunarová, Jonáš Krýzl, Jan Jehlík (Gar.)</i>	KZ	2	0P+2C		v
527DSN	Diploma Seminar <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Alena Šrámková, Jan Jakub Tesař, Vojtěch Sosna Ján Stempel</i>	KZ	2	0P+2C		v
529DSN	Diploma Seminar <i>Zdeněk Fránek, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Vaso Perovič, Marek Chalupa</i>	KZ	2	0P+2C		v
515DSN	Diploma Seminar <i>Vladimír Soukenka Vladimír Soukenka (Gar.)</i>	KZ	2	0P+2C		v

Characteristics of the courses of this group of Study Plan: Code=DSN Name=Diplomní seminář navazující

516DSN	Diploma Seminar	KZ	2
521DSN	Diploma Seminar	KZ	2
528DSN	Diploma Seminar	KZ	2
514DSN	Diploma Seminar	KZ	2
520DSN	Diploma Seminar	KZ	2
518DSN	Diploma Seminar	KZ	2
519DSN	Diploma Seminar	KZ	2
527DSN	Diploma Seminar	KZ	2
529DSN	Diploma Seminar	KZ	2
515DSN	Diploma Seminar	KZ	2

Code of the group: VOLITELNÉ NAU 2020

Name of the group: Volitelné navazující AU 2020

Requirement credits in the group: In this group you have to gain at least 16 credits

Requirement courses in the group:

Credits in the group: 16

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
521UP2	Planning analyses <i>Petr Klápště, Karel Maier Petr Klápště Petr Klápště (Gar.)</i>	KZ	2	1P+1C	L	v
516CAD4	Computer Aided Design IV <i>Lucie Mizerová, Jiří Skáčilík, Adam Preisler, Dana Matějovská, Ivana Vinšová, Petr Irínkov, Michal Jirá, Šimon Prokop, Dušan Uruba Dana Matějovská (Gar.)</i>	KZ	2	0P+2C	L	v
513DAT6	History and Theory of Architecture VI <i>Jana Tichá, Miroslav Pavel Miroslav Pavel Jana Tichá (Gar.)</i>	KZ	2	2P+0C	Z	v
513DAT8	History and Theory of Architecture VIII <i>Jiří Tourek Jana Tichá (Gar.)</i>	KZ	2	0P+2C	Z	v
513DU3N	History of Art III <i>Jana Tichá Hubert Kamil Guzik Hubert Kamil Guzik (Gar.)</i>	KZ	2	2P+0C	L	v
518DEV1	Development I <i>Michal Kohout, Vít Řezáč, Pavel Novák, Miroslav Šajtar, Petr Merežko, Petr Urbánek, Tomáš Ctibor, Jaromír Hainc, Petr Hlaváček, Petr Hlaváček Petr Hlaváček (Gar.)</i>	KZ	2	1P+1C	Z	v
518DEV2	Development II <i>Pavel Novák, Jaromír Hainc, Petr Hlaváček, Pavel Krupík, Michaela Kloudová, Jana Kubcová Petr Hlaváček Petr Hlaváček (Gar.)</i>	KZ	2	1P+1C	L	v
521EKL2	Ecology II <i>Petr Klápště Petr Klápště Petr Klápště (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 Hoření Samec Tomáš Hoření Samec Tomáš Hoření Samec (Gar.)</i>	KZ	2	0P+2C	L	v
515I2	History of Interior <i>Vladimír Soukenka, Marek Teska</i>	KZ	2	2P+0C	Z	v
513HS2N	Historical buildings and seats II <i>Milena Hauserová</i>	KZ	2	2P+0C	L	v
513HS3N	Historical buildings and seats III <i>Milena Hauserová Milena Hauserová (Gar.)</i>	KZ	2	2P+0C	Z	v
520KAN3	Landscape Architecture III <i>Klára Salzmann, Hana Špalková, Drahomíra Kolmanová Hana Špalková Hana Špalková (Gar.)</i>	Z,ZK	3	2P+1C	Z	v
520KA4	Landscape Architecture IV <i>Ivan Plicka Ivan Plicka (Gar.)</i>	ZK	2	2P+0C	L	v
520KA5	Landscape Architecture V <i>Romana Michalková, Markéta Svobodová Romana Michalková (Gar.)</i>	KZ	2	0P+2C	Z	v
513HS1	Vernacular Architecture <i>Jan Pešta</i>	KZ	2	2P+0C	Z	v
519U5N	Methods <i>Jan Jehlík, Jana Zdráhalová, Lukáš Kopp Jana Zdráhalová Jana Zdráhalová (Gar.)</i>	KZ	2	1P+1C	L	v
515I3	Multimedia Design <i>Vladimír Soukenka, Veronika Šindelář Kastlová, Lenka Bednářová</i>	KZ	2	2P+0C	L	v
518NS7	Communication and Design Strategies <i>Edita Lisecová, Michal Kohout, Roman Koucký Editá Lisecová Roman Koucký (Gar.)</i>	KZ	2	2P+0C	Z	v
524TZ2N	Renewable Resources of Energy <i>Daniela Bošová, Zuzana Vyoralová, Lenka Prokopová, Jaroslava Rolínková, Lenka Reinberková, František Medek, Kristina Bžochová, Pavla Vrbová, František Novotný Daniela Bošová Zuzana Vyoralová (Gar.)</i>	KZ	2	1P+1C	L	v

514PP3	Monument Preservation III <i>Michael Rykl, Jindřich Hodač, Martin Kolovský Michael Rykl (Gar.)</i>	KZ	2	1P+1C	Z	v
520PRK1N	Regional and Landscape planning I <i>Klára Salzmänn, Eva Jeníková Klára Salzmänn (Gar.)</i>	KZ	2	2P+0C	Z	v
521PRK2	Regional and Landscape planning II <i>Jan Vozáb Jan Vozáb Jan Vozáb (Gar.)</i>	KZ	2	2P+0C	L	v
520PRK3	Regional and Landscape planning III <i>Klára Salzmänn, Eva Jeníková Klára Salzmänn (Gar.)</i>	Z,ZK	2	1P+1C	L	v
516PG2N	Computer Graphics II <i>Martin Odehnal Martin Odehnal (Gar.)</i>	KZ	2	1P+1C	Z	v
523PN1	Design Computing I <i>Aleš Marek Aleš Marek Aleš Marek (Gar.)</i>	KZ	2	1P+1C	Z	v
516PN2	Design Computing II <i>Henri Hubertus Achten, Dana Matějovská Henri Hubertus Achten Henri Hubertus Achten (Gar.)</i>	KZ	2	1P+1C	L	v
522PN3	Design Computing III <i>Jiří Šrubař, Lukáš Kurilla, Dana Matějovská, Šimon Prokop Lukáš Kurilla Lukáš Kurilla (Gar.)</i>	KZ	2	1P+1C	Z	v
523PS8N	Failures and Reconstruction of Buildings <i>Jaroslava Babánková, Luboš Káně, Petr Jůn, Marek Novotný Luboš Káně Petr Jůn (Gar.)</i>	KZ	2	2P+0C	Z	v
519U7N	Urbanistic Composition II <i>Tomáš Ctibor, Jaromír Hainc, Petr Hlaváček, Lenka Chlanová Petr Hlaváček Petr Hlaváček (Gar.)</i>	KZ	2	1P+1C	L	v
521UP3	Spatial and Strategic Planning <i>Petr Klápště, Jakub Vorel, Karel Maier, Jan Vozáb Jakub Vorel Jakub Vorel (Gar.)</i>	KZ	2	1P+1C	Z	v
521PRI1	<i>Jakub Vorel, Daniel Franke Daniel Franke Daniel Franke (Gar.)</i>	KZ	2	1P+1C	Z	v
521PRI2	<i>Jakub Vorel, Daniel Franke Daniel Franke Jakub Vorel (Gar.)</i>	KZ	2	1P+1C	L	v
521PRS1	<i>Veronika Šindlerová, Karel Maier Veronika Šindlerová Veronika Šindlerová (Gar.)</i>	KZ	2	2P+0C	Z	v
521PRS2	<i>Jan Vozáb Jan Vozáb Karel Maier (Gar.)</i>	KZ	2	1P+1C	L	v
524PRES4	4 <i>Daniela Bošová, Veronika Sojková Daniela Bošová</i>	KZ	2	0P+2C	Z	v
519DEN2	Special Dendrology <i>Romana Michalková Romana Michalková (Gar.)</i>	KZ	2	0P+2C		v
522SNK5	Statics and Loadbearing Structures V <i>Martin Pospíšil Martin Pospíšil (Gar.)</i>	KZ	2	0P+2C	Z	v
522SNK6	Statics and Loadbearing Structures VI <i>Karel Lorenz, Karel Jung Martin Pospíšil Martin Pospíšil (Gar.)</i>	KZ	2	0P+2C	L	v
514SHP1	<i>Michael Rykl, Martin Kolovský, Martin Ebel</i>	KZ	2	1P+1C	L	v
514SHP2	<i>Milena Hauserová Milena Hauserová (Gar.)</i>	KZ	2	0P+2C	Z	v
514SHP3	<i>Tomáš Efler, Václav Gírsa, Milena Hauserová, Jan Pešta, Martin Čtverák Tomáš Efler Václav Gírsa (Gar.)</i>	KZ	2	2P+0C	L	v
599STN1	Residency <i>Irena Šestáková</i>	Z				v
599STN	Residency <i>Irena Šestáková</i>	Z				v
520TKA1N	Landscape Technology I <i>Eva Jeníková, Aleš Dittert Aleš Dittert (Gar.)</i>	KZ	2	1P+1C	L	v
520TKA2N	Landscape Technology II <i>Vladimír Sitta, Romana Michalková, Markéta Svobodová Romana Michalková (Gar.)</i>	KZ	2	1P+1C	Z	v
519U6N	Regional Planning <i>Kateřina Čechová, Irena Fialová, Zdeňka Havlová Irena Fialová Irena Fialová (Gar.)</i>	KZ	2	1P+1C	Z	v
511VT6	Visual Arts VI <i>Tereza Melenová, Radek Macke, Jiří Kárník, Ivan Vosecký Jiří Kárník Tereza Melenová (Gar.)</i>	KZ	2	0P+2C	Z	v
523PS7N	Design of Facades <i>Aleš Marek, Bedřiška Vaňková Aleš Marek Aleš Marek (Gar.)</i>	KZ	2	2P+0C	L	v
599WS2	Workshop	Z				v
599WS1	Workshop	Z				v
599WS3	Workshop	Z				v

Characteristics of the courses of this group of Study Plan: Code=VOLITELNÉ NAU 2020 Name=Volitelné navazující AU 2020

521UP2	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			
516CAD4	Computer Aided Design IV	KZ	2
Workshop - new trends in modelling, visualization, animation, software: 3DStudio Viz, ArchiCAD, Allplan Nemetechek			
513DAT6	History and Theory of Architecture VI	KZ	2
513DAT8	History and Theory of Architecture VIII	KZ	2

513DU3N	History of Art III Monographic portraits of selected artists from Renaissance to 20th century, whose importance exceeded both style and movement categories.	KZ	2
518DEV1	Development I	KZ	2
518DEV2	Development II	KZ	2
521EKL2	Ecology II 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.	KZ	2
513FSP4	Philosophy, Sociology and Psychology IV	KZ	2
513FSP5	Philosophy, Sociology and Psychology V	KZ	2
515I2	History of Interior To acquaint students with historical evolution of interiors in the Czech R. and abroad in relationship to the life of the society (architectural style, material culture, way of life, clothing, craft) .	KZ	2
513HS2N	Historical buildings and seats II	KZ	2
513HS3N	Historical buildings and seats III	KZ	2
520KAN3	Landscape Architecture III	Z,ZK	3
520KA4	Landscape Architecture IV	ZK	2
520KA5	Landscape Architecture V	KZ	2
513HS1	Vernacular Architecture Following the development of building activities in the Czech villages from the Middle Ages to the 20th century in the context of the overall development of architecture	KZ	2
519U5N	Methods	KZ	2
515I3	Multimedia Design a/ Understanding the evolution of theatre building: technology and typology of scene, lighting, acoustics. b/ Architecture and visual media. Theatrical, Film and Television scenography. Exhibition, advertisement, virtual reality - different ways of presentation of architectural projects	KZ	2
518NS7	Communication and Design Strategies How the highways, railways, bridges, waterways, contruction of dams, weirs and other engineering structures affect the formation of cities and landscape	KZ	2
524TZ2N	Renewable Resources of Energy Renewable energy resources,secondary energy resources,passive solar energ. gains,photovoltaic,photothermal active energ. systems,energy of wind,biomass,geothermal energy,conception of low energy consumption house,low energy consumption of urban space, sustainable development and alternative energy resources	KZ	2
514PP3	Monument Preservation III	KZ	2
520PRK1N	Regional and Landscape planning I	KZ	2
521PRK2	Regional and Landscape planning II	KZ	2
520PRK3	Regional and Landscape planning III	Z,ZK	2
516PG2N	Computer Graphics II	KZ	2
523PN1	Design Computing I	KZ	2
516PN2	Design Computing II Students are expected to structure their own learning path on the basis of the challenge provided by the architect. The course lectures supplement knowledge and background of contemporary design computation technologies.	KZ	2
522PN3	Design Computing III Design Computing 3 introduces the way computers understand geometry and space. Students skilled and trained in this area (basic data types, coordinates, NURBS and its predecessors, simulations, optimizations and other phenomena) can become experts in the newly created field. This knowledge is already general enough to grant students abilities in whatever modeling platform they choose (Revit-Dynamo, ArchiCAD, Rhinoceros-Grasshopper and others). By knowing and being able to use the algorithms used in current software students can solve complex problems without being dependent on the solutions provided only by the software developers mentioned above.	KZ	2
523PS8N	Failures and Reconstruction of Buildings 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.	KZ	2
519U7N	Urbanistic Composition II	KZ	2
521UP3	Spatial and Strategic Planning 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.	KZ	2
521PRI1		KZ	2
521PRI2		KZ	2
521PRS1		KZ	2
521PRS2		KZ	2
524PRES4	4	KZ	2
519DEN2	Special Dendrology	KZ	2
522SNK5	Statics and Loadbearing Structures V Building foundations: Technology and procedures applied in foundation and intercepting of buildings. Determining risks in the design of buildings and in construction of foundation jams, choice of appropriate technical solutions. Causes of building failures and suggestions of remedial procedures. Lessons are combination of lectures and seminars.	KZ	2
522SNK6	Statics and Loadbearing Structures VI Modern and historical structures. Structural design in various materials: stone, brick, concrete, metal, wood, plastics. Structural design of high-rise buildings, arched structures, shells, rope structures, membrane structures, tensegrities.	KZ	2
514SHP1		KZ	2
514SHP2		KZ	2
514SHP3		KZ	2
599STN1	Residency	Z	
599STN	Residency	Z	
520TKA1N	Landscape Technology I	KZ	2

520TKA2N	Landscape Technology II	KZ	2
519U6N	Regional Planning	KZ	2
511VT6	Visual Arts VI	KZ	2
523PS7N	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.			
599WS2	Workshop	Z	
599WS1	Workshop	Z	
599WS3	Workshop	Z	

List of courses of this pass:

Code	Name of the course	Completion	Credits
511ATV	Studio-Elective Course	KZ	4
511VT6	Visual Arts VI	KZ	2
513DAT6	History and Theory of Architecture VI	KZ	2
513DAT7	History and Theory of Architecture VII	ZK	2
513DAT8	History and Theory of Architecture VIII	KZ	2
513DP	Diploma Project	Z	28
513DU3N	History of Art III	KZ	2
Monographic portraits of selected artists from Renaissance to 20th century, whose importance exceeded both style and movement categories.			
513FSP4	Philosophy, Sociology and Psychology IV	KZ	2
513FSP5	Philosophy, Sociology and Psychology V	KZ	2
513HS1	Vernacular Architecture	KZ	2
Following the development of building activities in the Czech villages from the Middle Ages to the 20th century in the context of the overall development of architecture			
513HS2N	Historical buildings and seats II	KZ	2
513HS3N	Historical buildings and seats III	KZ	2
514ATRN	Studio-Implementation Project	KZ	11
514ATS1	Studio-Building Complex	KZ	11
514ATUR	Studio-Urban Design	KZ	11
514ATV	Studio-Elective Course	KZ	4
514ATVZ	Studio-Free Assignment	KZ	11
514DP	Diploma Project	Z	28
514DSN	Diploma Seminar	KZ	2
514PP3	Monument Preservation III	KZ	2
514SHP1		KZ	2
514SHP2		KZ	2
514SHP3		KZ	2
515ATRN	Studio-Implementation Project	KZ	11
515ATS1	Studio-Building Complex	KZ	11
515ATUR	Studio-Urban Design	KZ	11
515ATV	Studio-Elective Course	KZ	4
515ATVZ	Studio-Free Assignment	KZ	11
515DP	Diploma Project	Z	28
515DSN	Diploma Seminar	KZ	2
515I2	History of Interior	KZ	2
To acquaint students with historical evolution of interiors in the Czech R. and abroad in relationship to the life of the society (architectural style, material culture, way of life, clothing, craft) .			
515I3	Multimedia Design	KZ	2
a/ Understanding the evolution of theatre building: technology and typology of scene, lighting, acoustics. b/ Architecture and visual media. Theatrical, Film and Television scenography. Exhibition, advertisement, virtual reality - different ways of presentation of architectural projects			
516ATRN		KZ	11
516ATS1	Studio-Building Complex	KZ	11
516ATUR	Studio-Urban Design	KZ	11
516ATV	Studio-Elective Course	KZ	4
516ATVZ	Studio-Free Assignment	KZ	11
516CAD4	Computer Aided Design IV	KZ	2
Workshop - new trends in modelling, visualization, animation, software: 3DStudio Viz, ArchiCAD, Allplan Nemetechek			
516DP	Diploma Project	Z	28

516DSN	Diploma Seminar	KZ	2
516PG2N	Computer Graphics II	KZ	2
516PN2	Design Computing II	KZ	2
Students are expected to structure their own learning path on the basis of the challenge provided by the architect. The course lectures supplement knowledge and background of contemporary design computation technologies.			
518ATRN	Studio-Implementation Project	KZ	11
518ATS1	Studio-Building Complex	KZ	11
518ATUR	Studio-Urban Design	KZ	11
518ATV	Studio-Elective Course	KZ	4
518ATVZ	Studio-Free Assignment	KZ	11
518DEV1	Development I	KZ	2
518DEV2	Development II	KZ	2
518DP	Diploma Project	Z	28
518DSN	Diploma Seminar	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			
519ATRN	Studio-Implementation Project	KZ	11
519ATS1	Studio-Building Complex	KZ	11
519ATUR	Studio-Urban Design	KZ	11
519ATV	Studio-Elective Course	KZ	4
519ATVZ	Studio-Free Assignment	KZ	11
519DEN2	Special Dendrology	KZ	2
519DP	Diploma Project	Z	28
519DSN	Diploma Seminar	KZ	2
519U4N	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.			
519U5N	Methods	KZ	2
519U6N	Regional Planning	KZ	2
519U7N	Urbanistic Composition II	KZ	2
520ATRN	Studio-Implementation Project	KZ	11
520ATS1	Studio-Building Complex	KZ	11
520ATU	Studio-Urban Design	KZ	13
520ATV	Studio-Elective Course	KZ	4
520ATVZ	Studio-Free Assignment	KZ	11
520DEN1N	Dendrology I	ZK	2
520DP	Diploma Project	Z	28
520DSN	Diploma Seminar	KZ	2
520KA4	Landscape Architecture IV	ZK	2
520KA5	Landscape Architecture V	KZ	2
520KAN3	Landscape Architecture III	Z,ZK	3
520PRK1N	Regional and Landscape planning I	KZ	2
520PRK3	Regional and Landscape planning III	Z,ZK	2
520TKA1N	Landscape Technology I	KZ	2
520TKA2N	Landscape Technology II	KZ	2
521ATRN	Studio-Implementation Project	KZ	11
521ATS1	Studio-Building Complex	KZ	11
521ATUR	Studio-Urban Design	KZ	11
521ATV	Studio-Elective Course	KZ	4
521ATVZ	Studio-Free Assignment	KZ	11
521DP	Diploma Project	Z	28
521DSN	Diploma Seminar	KZ	2
521EKL1	Ecology I	ZK	2
521EKL2	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.			
521PRI1		KZ	2
521PRI2		KZ	2
521PRK2	Regional and Landscape planning II	KZ	2
521PRS1		KZ	2
521PRS2		KZ	2
521UP1	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.			

521UP2	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			
521UP3	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.			
522PN3	Design Computing III	KZ	2
Design Computing 3 introduces the way computers understand geometry and space. Students skilled and trained in this area (basic data types, coordinates, NURBS and its predecessors, simulations, optimizations and other phenomena) can become experts in the newly created field. This knowledge is already general enough to grant students abilities in whatever modeling platform they choose (Revit-Dynamo, ArchiCAD, Rhinoceros-Grasshopper and others). By knowing and being able to use the algorithms used in current software students can solve complex problems without being dependent on the solutions provided only by the software developers mentioned above.			
522SNK5	Statics and Loadbearing Structures V	KZ	2
Building foundations: Technology and procedures applied in foundation and intercepting of buildings. Determining risks in the design of buildings and in construction of foundation jams, choice of appropriate technical solutions. Causes of building failures and suggestions of remedial procedures. Lessons are combination of lectures and seminars.			
522SNK6	Statics and Loadbearing Structures VI	KZ	2
Modern and historical structures. Structural design in various materials: stone, brick, concrete, metal, wood, plastics. Structural design of high-rise buildings, arched structures, shells, rope structures, membrane structures, tensegrities.			
523PN1	Design Computing I	KZ	2
523PS6N		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.			
523PS7N	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.			
523PS8N	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.			
524P	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; , administrative 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)			
524PRES2	2	Z,ZK	3
Solution arrangement of structure and process flow sheet, solution technological structure, planning card, planning and scheduling of building, PERT, spativ - temporal chart, gant chart, structure of building site and solution of building traffic, environment protection during implamation, feasibility study of building implamation, processing and selection of building method, flow - line process.			
524PRES3	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.			
524PRES4	4	KZ	2
524TZ1N	Municipal Engineering	Z,ZK	2
Structure of settlement utilities, resources, transfer, consumption, water supply of settlements, drainage of settlements, integrated systems of solid waste management, water courses, water basins, energy supply of settlements, fossil energy. resources, nuclear energy, alternative energy resources, transfer of information, ecology and urban space, sustainable development.			
524TZ2N	Renewable Resources of Energy	KZ	2
Renewable energy resources,secondary energy resources,passive solar energ.gains,photovoltaic,photothermal active energ. systems,energy of wind,biomass,geothermal energy,conception of low energy consumption house,low energy consumption of urban space, sustainable development and alternative energy resources			
527ATRn	Studio-Implementation Project	KZ	11
527ATS1	Studio-Building Complex	KZ	11
527ATUR	Studio-Urban Design	KZ	11
527ATV	Studio-Elective Course	KZ	4
527ATVZ	Studio-Free Assignment	KZ	11
527DP	Diploma Project	Z	28
527DSN	Diploma Seminar	KZ	2
528ATRn	Studio-Implementation Project	KZ	11
528ATS1	Studio-Building Complex	KZ	11
528ATUR	Studio-Urban Design	KZ	11
528ATV	Studio-Elective Course	KZ	4
528ATVZ	Studio-Free Assignment	KZ	11
528DP	Diploma Project	Z	28
528DSN	Diploma Seminar	KZ	2
529ATRn	Studio-Implementation Project	KZ	11
529ATS1	Studio-Building Complex	KZ	11
529ATUR	Studio-Urban Design	KZ	11
529ATV	Studio-Elective Course	KZ	4

529ATVZ	Studio-Free Assignment	KZ	11
529DP	Diploma Project	Z	28
529DSN	Diploma Seminar	KZ	2
540ATS1	Studio-Building Complex	KZ	11
540ATUR	Studio-Urban Design	KZ	11
540ATV	Studio-Elective Course	KZ	4
540ATVZ	Studio-Free Assignment	KZ	11
550ATV	Studio-Elective Course	KZ	4
599ATRN	Studio-Implementation Project	KZ	11
599ATSS	Studio-Building Complex Carrying out a project of a building complex based on consultations with the teacher	KZ	11
599ATU	Studio-Urban Design Carrying out an urban design project based on consultations with the teacher	KZ	11
599ATV	Studio-Elective Course	KZ	4
599ATVZ	Studio-Free Assignment Carrying out a project of a chosen assignment based on consultations with the teacher and specialists	KZ	11
599STN	Residency	Z	
599STN1	Residency	Z	
599WS1	Workshop	Z	
599WS2	Workshop	Z	
599WS3	Workshop	Z	

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Generated: day 2024-05-20, time 02:22.