

Study plan

Name of study plan: Navazující Architektura a urbanismus 2025

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: Platí od AR 2025/26

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
540ATRN	Studio-Implementation Project Dalibor Hlaváček, Magdalena Havlová, Rudolf Nikerle Dalibor Hlaváček Dalibor Hlaváček (Gar.)	KZ	11	0P+6C		Z
521ATRN	Studio-Implementation Project Veronika Šindlerová, 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 Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stibral, Dalibor Hlaváček Zdeněk Zavřel (Gar.)	KZ	11	0P+6C		Z
516ATRN	Studio-Implementation Project Martin Gsandtner, Henri Hubertus Achten, Miloš Florián	KZ	11	0P+6C		Z
520ATRN	Studio-Implementation Project Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Ruprecht Chmelová, Radmila Fingerová, Zuzana Štemberová Jitka Trevisan (Gar.)	KZ	11	0P+6C		Z
515ATRN	Studio-Implementation Project Patrik Tichý, Vladimír Soukenka	KZ	11	0P+6C		Z
518ATRN	Studio-Implementation Project Miroslav Pazdera, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout Ondřej Císler (Gar.)	KZ	11	0P+6C		Z
519ATRN	Studio-Implementation Project Tomáš Zmek, Ivan Plicka, Michal Kuzemenský, Jiří Klokočka, Pavel Hnilička, Jan Novotný, Jonáš Krýzl, Michal Škrna, Jana Zdráhalová Tomáš Zmek (Gar.)	KZ	11	0P+6C		Z
527ATRN	Studio-Implementation Project Ján Stempel, Radek Lampa, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Alena Šrámková, Marek Přikryl Ján Stempel	KZ	11	0P+6C		Z
529ATRN	Studio-Implementation Project Marek Chalupa, Zdeněk Fránek, Mírko Baum, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Vaso Perovič, Ladislav Lábus	KZ	11	0P+6C		Z
514ATRN	Studio-Implementation Project Tomáš Efler, Václav Gírsa Václav Gírsa (Gar.)	KZ	11	0P+6C		Z

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

540ATRN	Studio-Implementation Project	KZ	11
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521ATRN	Studio-Implementation Project	KZ	11
599ATRN	Studio-Implementation Project	KZ	11
528ATRN	Studio-Implementation Project	KZ	11
516ATRN	Studio-Implementation Project	KZ	11
520ATRN	Studio-Implementation Project	KZ	11
515ATRN	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
514ATRN	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, Magdalena Havlová, Rudolf Nikerle, Winny Maas Dalibor Hlaváček Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
516ATS1	Studio-Building Complex <i>Martin Gsandtner, Henri Hubertus Achten, Miloš Florián, Jiří Pavlíček, Kateřina Sýsová, Lukáš Kurilla, Ladislav Lábus, Robert Votický</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>Miroslav Pazdera, Ondřej Císlar, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout 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 Lampá, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Alena Šrámková, Marek Příkryl</i>	KZ	11	0P+8C		z
528ATS1	Studio-Building Complex <i>Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stíbral, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stíbral, (Gar.)</i>	KZ	11	0P+8C		z
529ATS1	Studio-Building Complex <i>Marek Chalupa, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Petr Suske, Vaso Perovič, Marek Tichý</i>	KZ	11	0P+8C		z
520ATS1	Studio-Building Complex <i>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Ruprecht Chmelová, Radmila Fingerová, Zuzana Štemberová Jitka Trevisan (Gar.)</i>	KZ	11	0P+8C		z
521ATS1	Studio-Building Complex <i>Veronika Šindlerová, Jakub Vorel, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)</i>	KZ	11	0P+8C		z
519ATS1	Studio-Building Complex <i>Tomáš Zmek, Ivan Plicka, Michal Kuzemenský, Jiří Klokočka, Pavel Hnilička, Jan Novotný, Jonáš Krýzl, Michal Škrna, Jana Zdráhalová Tomáš Zmek (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 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
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 (Gar.)</i>	KZ	11	0P+8C		z
516ATUR	Studio-Urban Design <i>Henri Hubertus Achten, Miloš Florián Henri Hubertus Achten Henri Hubertus Achten (Gar.)</i>	KZ	11	0P+8C		z
518ATUR	Studio-Urban Design <i>Miroslav Pazdera, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout Michal Juha (Gar.)</i>	KZ	11	0P+8C		z
519ATUR	Studio-Urban Design <i>Tomáš Zmek, Ivan Plicka, Michal Kuzemenský, Jiří Klokočka, Antonín Topinka, Pavel Hnilička, Slavomír Peterka, Jonáš Krýzl, Michal Škrna, Tomáš Zmek (Gar.)</i>	KZ	11	0P+8C		z
540ATUR	Studio-Urban Design <i>Magdalena Havlová, Rudolf Nikerle Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
527ATUR	Studio-Urban Design <i>Jan Jakub Tesař, Ján Stempel, Radek Lampa, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Marek Přikryl Zdeněk Rothbauer (Gar.)</i>	KZ	11	0P+8C		z
528ATUR	Studio-Urban Design <i>Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stibral Dalibor Hlaváček (Gar.)</i>	KZ	11	0P+8C		z
599ATU	Studio-Urban Design <i>Jiří Šrubař Jiří Šrubař (Gar.)</i>	KZ	11	0P+8C		z
529ATUR	Studio-Urban Design <i>Marek Chalupa, Zdeněk Fránek, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Petr Suske, Marek Tichý Marek Chalupa (Gar.)</i>	KZ	11	0P+8C		z
521ATUR	Studio-Urban Design <i>Veronika Šindlerová, Jakub Vorel, 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
540ATUR	Studio-Urban Design	KZ	11
527ATUR	Studio-Urban Design	KZ	11
528ATUR	Studio-Urban Design	KZ	11
599ATU	Studio-Urban Design	KZ	11
Carrying out an urban design project based on consultations with the teacher			
529ATUR	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 Veronika Šindlerová, Jakub Vorel, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)	KZ	11	0P+8C		z
516ATVZ	Studio-Free Assignment Henri Hubertus Achten, Miloš Florián, Jiří Pavlíček Henri Hubertus Achten	KZ	11	0P+8C		z
528ATVZ	Studio-Free Assignment Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stibral, Zdeněk Zavřel (Gar.)	KZ	11	0P+8C		z
514ATVZ	Studio-Free Assignment Václav Gírsa Václav Gírsa (Gar.)	KZ	11	0P+8C		z
515ATVZ	Studio-Free Assignment Vladimír Soukenka, Jan Tůma, Pavla Kvízová	KZ	11	0P+8C		z
520ATVZ	Studio-Free Assignment Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Ruprecht Chmelová, Radmila Fingerová, Zuzana Štemberová Jitka Trevisan (Gar.)	KZ	11	0P+8C		z
519ATVZ	Studio-Free Assignment Tomáš Zmek, Ivan Plicka, Michal Kuzemenský, Jiří Klokočka, Antonín Topinka, Pavel Hnilička, Slavomír Peterka, Jonáš Krýzl, Michal Škrna, Pavel Hnilička (Gar.)	KZ	11	0P+8C		z
527ATVZ	Studio-Free Assignment Jan Jakub Tesař, Ján Stempel, Radek Lampa, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Alena Šrámková,	KZ	11	0P+8C		z
529ATVZ	Studio-Free Assignment Marek Chalupa, Zdeněk Fránek, Mirko Baum, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske,	KZ	11	0P+8C		z
540ATVZ	Studio-Free Assignment Dalibor Hlaváček, Magdalena Havlová, Rudolf Nikerle, Winny Maas Dalibor Hlaváček (Gar.)	KZ	11	0P+8C		z
599ATVZ	Studio-Free Assignment Jiří Šrubař Jiří Šrubař Jiří Šrubař (Gar.)	KZ	11	0P+8C		z
518ATVZ	Studio-Free Assignment Miroslav Pazdera, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout Ondřej Císler (Gar.)	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 Miroslav Pazdera, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout Ondřej Císler (Gar.)	Z	28	0P+28C		z

528DP	Diploma Project <i>Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stíbrál,</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</i> Vladimír Soukenka	Z	28	0P+28C		z
514DP	Diploma Project <i>Václav Gírsa</i> Tomáš Efler <i>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> Šimon Vojtík <i>Veronika Šindlerová (Gar.)</i>	Z	28	0P+28C		z
527DP	Diploma Project <i>Jan Jakub Tesař, Ján Stempel, Radek Lampa, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Alena Šrámková, Ján Stempel</i>	Z	28	0P+28C		z
529DP	Diploma Project <i>Marek Chalupa, Zdeněk Fránek, Mirko Baum, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Marek Chalupa (Gar.)</i>	Z	28	0P+28C		z
520DP	Diploma Project <i>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Ruprecht Chmelová, Radmila Fingerová, Zuzana Štemberová</i> <i>Klára Concepcion (Gar.)</i>	Z	28	0P+28C		z
519DP	Diploma Project <i>Tomáš Zmek, Ivan Plicka, Michal Kuzemský, Jiří Klokočka, Michal Škrna, Jana Zdráhalová, Jan Novotný</i> Tomáš Zmek (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 2025

Name of the group: Povinné navazující AU 2025

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</i> <i>Jana Tichá (Gar.)</i>	ZK	2	2P+0C	L	z
521EKL1	Ecology I <i>Petr Klápště, Petr Sklenička</i> Petr Klápště <i>Petr Klápště (Gar.)</i>	ZK	2	2P+0C	L	z
520KA4	Landscape Architecture IV <i>Ivan Plicka</i> Zuzana Štemberová <i>Ivan Plicka (Gar.)</i>	ZK	2	2P+0C	L	z
519U4N	Urban Design <i>Jana Zdráhalová, Jan Jehlík, Eva Červinková, Sára Šálková Roeselová, Lenka Burgerová</i> Jan Jehlík <i>Jana Zdráhalová (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
518NS6N	Ensembles and Big Buildings <i>Michal Kohout, Michal Juha, Václav Mudra, Zbyšek Stýblo, Patrik Kotas</i> Michal Kohout <i>Michal Kohout (Gar.)</i>	ZK	2	2P+0C	Z	z
524P	Law <i>Jiří Plos, Daniela Bošová</i> Daniela Bošová <i>Jiří Plos (Gar.)</i>	ZK	2	2P+0C	L	z
524PRES2	Implementation, Management and Economics of Construction 2 <i>Daniela Bošová, Dana Měšťanová, Radka Navrátilová, Václav Tatýrek, Veronika Sojková, Aleš Palička</i> Radka Navrátilová <i>Dana Měšťanová (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
524PRES3	Implementation, Management and Economics of Construction 3	Z,ZK	3	2P+1C	L	z

	Karel Maier, Jan Bittner, Daniela Bošová, Dana Měšťanová, Václav Tatýrek, Vít Řezáč Dana Měšťanová Karel Maier (Gar.)					
524TZ1N	Municipal Engineering Daniela Bošová, Zuzana Vyoralová, Petr Hrdlička, Lenka Prokopová, Jaroslava Rolínková Lenka Prokopová Zuzana Vyoralová (Gar.)	Z,ZK	2	1P+1C	Z	z
521UP1	Urban Planning Veronika Šindlerová, Jakub Vorel, Karel Maier, Jan Bittner, Petr Klášpěš, Vít Řezáč Jakub Vorel Karel Maier (Gar.)	Z,ZK	3	2P+1C	Z	z
523PS6N	Tomáš Klanc, Aleš Marek, Vladimír Daňkovský, Jaroslava Babánková Tomáš Klanc Vladimír Daňkovský (Gar.)	KZ	2	2P+0C	Z	z

Characteristics of the courses of this group of Study Plan: Code=POVINNÉ NAU 2025 Name=Povinné navazující AU 2025

513DAT7	History and Theory of Architecture VII			ZK	2
521EKL1	Ecology I			ZK	2
520KA4	Landscape Architecture IV			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; , 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	Implementation, Management and Economics of Construction 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 seliction of building method, flow - line process.					
524PRES3	Implementation, Management and Economics of Construction 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
516ATV	Studio-Elective Course Martin Gsandtner, Henri Hubertus Achten, Miloš Florián, Kateřina Sýsová Henri Hubertus Achten (Gar.)	KZ	4	0P+4C		v
515ATV	Studio-Elective Course Vladimír Soukenka, Jan Tůma, Pavla Kvízová Vladimír Soukenka (Gar.)	KZ	4	0P+4C		v
518ATV	Studio-Elective Course Miroslav Pazdera, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenkov, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout Ondřej Císler (Gar.)	KZ	4	0P+4C		v
519ATV	Studio-Elective Course Tomáš Zmek, Ivan Plicka, Michal Kuzemský, Jiří Klokočka, Antonín Topinka, Pavel Hnilička, Slavomír Peterka, Jonáš Krýzl, Michal Škrna, Pavel Hnilička (Gar.)	KZ	4	0P+4C		v

527ATV	Studio-Elective Course <i>Ján Stempel, Radek Lampa, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Alena Šrámková, Marek Příkrýl</i> Ján Stempel	KZ	4	0P+4C		v
529ATV	Studio-Elective Course <i>Marek Chalupa, Mirko Baum, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Vaso Perovič,</i>	KZ	4	0P+4C		v
550ATV	Studio-Elective Course <i>Irena Šestáková, René Šulc, Tomáš Polák, Tomáš Blaha, Jan Fišer, Jan Jaroš, Marian Karel, Martin Tvarůžek, Josef Šafařík,</i> Jan Fišer Marian Karel (Gar.)	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>Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stíbral</i>	KZ	4	0P+4C		v
599ATV	Studio-Elective Course <i>Jiří Šrubař</i> Jiří Šrubař Jiří Šrubař (Gar.)	KZ	4	0P+4C		v
540ATV	Studio-Elective Course <i>Dalibor Hlaváček, Magdalena Havlová, Rudolf Nikerle, Winny 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 Ruprecht Chmelová, Radmila Fingerová,</i> Zuzana Štemberová Klára Concepcion (Gar.)	KZ	4	0P+4C	L,Z	v
511ATV	Studio-Elective Course	KZ	4	0P+4C		v
521ATV	Studio-Elective Course <i>Veronika Šindlerová, Jakub Vorel, Karel Maier, Šimon Vojtík, Jan Bittner, Jan Záhora</i> Šimon Vojtík Veronika Šindlerová (Gar.)	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, Šimon Vojtík, Jan Bittner, Jan Záhora</i> Šimon Vojtík Veronika Šindlerová (Gar.)	KZ	2	0P+2C		v
528DSN	Diploma Seminar <i>Dalibor Hlaváček, Ladislav Vrbata, Štěpán Tomš, Štěpán Valouch, Hana Seho, Josef Mádr, Petr Kordovský, Martin Čeněk, Jan Stíbral,</i> Zdeněk Zavřel (Gar.)	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>Klára Concepcion, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Klára Salzmann, Vladimír Sitta, Till Rehwaldt, Adéla Ruprecht Chmelová, Radmila Fingerová,</i> Hana Špalková Jitka Trevisan (Gar.)	KZ	2	0P+2C		v

518DSN	Diploma Seminar <i>Miroslav Pazdera, Ondřej Císler, Michal Kohout, Irena Šestáková, Boris Redčenko, David Belko, David Tichý, Roman Koucký, Edita Lisecová, Michal Kohout Ondřej Císler (Gar.)</i>	KZ	2	0P+2C		v
519DSN	Diploma Seminar <i>Tomáš Zmek, Ivan Plicka, Michal Kuzemenský, Jiří Klokočka, Michal Škrna, Jana Zdráhalová, Jan Novotný Tomáš Zmek (Gar.)</i>	KZ	2	0P+2C		v
527DSN	Diploma Seminar <i>Jan Jakub Tesař, Ján Stempel, Radek Lampa, Tomáš Hradečný, Miroslav Cikán, Zdeněk Rothbauer, Vojtěch Sosna, Tomáš Novotný, Alena Šrámková, Ján Stempel</i>	KZ	2	0P+2C		v
529DSN	Diploma Seminar <i>Marek Chalupa, Zdeněk Fránek, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Jan Šépka, Petr Suske, Vaso Perovič,</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 2025

Name of the group: Volitelné navazující AU 2025

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>Karel Maier, Petr Klápště 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 Jiráť, 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
520DEN1N	Dendrology I <i>Romana Michalková Zuzana Štemberová Romana Michalková (Gar.)</i>	ZK	2	2P+0C	Z	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, Jana Kubcová, Michaela Kloudová 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, Barbora Vrchotová</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>Laura Jablonská, Jan Pešta, Hana Špalková Hana Špalková Ivan Plicka (Gar.)</i>	Z,ZK	3	2P+1C	Z	v
520KA5	Landscape Architecture V <i>Romana Michalková Zuzana Štemberová 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>Jana Zdráhalová, Jan Jehlík, 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>Michal Kohout, Roman Koucký, Edita Lisecová Edita 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 Salzmann, Eva Jeníková, Alena Smrčková, Eva Němcová, Zuzana Štemberová Zuzana Štemberová Klára Salzmann (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 Salzmann, Eva Jeníková, Alena Smrčková Zuzana Štemberová Klára Salzmann (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, Martin Bukovský, Vít Wasserbauer, Ondřej Vápeník 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>Jakub Vorel, Karel Maier, Petr Klápště, Jan Vozáb Jakub Vorel Jakub Vorel (Gar.)</i>	KZ	2	1P+1C	Z	v
521PRI1	Spatial Informatics I <i>Jakub Vorel, Daniel Franke Daniel Franke Daniel Franke (Gar.)</i>	KZ	2	1P+1C	Z	v
521PRI2	Spatial Informatics II <i>Jakub Vorel, Daniel Franke Daniel Franke Jakub Vorel (Gar.)</i>	KZ	2	1P+1C	L	v
521PRS1	Spatial Systems I <i>Veronika Šindlerová Veronika Šindlerová Veronika Šindlerová (Gar.)</i>	KZ	2	2P+0C	Z	v
521PRS2	Spatial Systems II <i>Jan Vozáb Jan Vozáb Karel Maier (Gar.)</i>	KZ	2	1P+1C	L	v
524PRES4	Implementation, Management and Economics of Construction 4 <i>Daniela Bošová, Veronika Sojková Daniela Bošová</i>	KZ	2	0P+2C	Z	v
519DEN2	Special Dendrology <i>Romana Michalková Zuzana Štemberová Romana Michalková (Gar.)</i>	KZ	2	0P+2C		v
522SNK5	Statics and Loadbearing Structures V <i>Martin Pospíšil, Tomáš Čejka 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>Martin Čtverák, Tomáš Efler, Václav Gírsa, Milena Hauserová, Barbora Vrchotová, Jan Pešta 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 Zuzana Štemberová Aleš Dittert (Gar.)</i>	KZ	2	1P+1C	L	v

520TKA2N	Landscape Technology II <i>Romana Michalková, Markéta Svobodová Zuzana Štemberová Romana Michalková (Gar.)</i>	KZ	2	1P+1C	Z	v
519U6N	Regional Planning <i>Zdeňka Havlová, Irena Fialová Zdeňka Havlová Irena Fialová (Gar.)</i>	KZ	2	1P+1C	Z	v
511VT6	Visual Arts VI <i>Gabriela Nováková, Radek Macke, Tereza Melenová, Jiří Kárník, Ivan Vosecký Gabriela Nováková Ivan Vosecký (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 2025 Name=Volitelné navazující AU 2025

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 Nemetchek			
513DAT6	History and Theory of Architecture VI	KZ	2
513DAT8	History and Theory of Architecture VIII	KZ	2
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.			
520DEN1N	Dendrology I	ZK	2
518DEV1	Development I	KZ	2
518DEV2	Development II	KZ	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.			
513FSP4	Philosophy, Sociology and Psychology IV	KZ	2
513FSP5	Philosophy, Sociology and Psychology V	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) .			
513HS2N	Historical buildings and seats II	KZ	2
513HS3N	Historical buildings and seats III	KZ	2
520KAN3	Landscape Architecture III	Z,ZK	3
520KA5	Landscape Architecture 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			
519U5N	Methods	KZ	2
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			
518NS7	Communication and Design Strategies	KZ	2
How the highways, railways, bridges, waterways, contruction of dams, weirs and other engineering structures affect the formation of cities and landscape			
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			
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	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.			
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.			
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.			
519U7N	Urbanistic Composition II	KZ	2

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.			
521PRI1	Spatial Informatics I	KZ	2
521PRI2	Spatial Informatics II	KZ	2
521PRS1	Spatial Systems I	KZ	2
521PRS2	Spatial Systems II	KZ	2
524PRES4	Implementation, Management and Economics of Construction 4	KZ	2
Construction, implementation, management, and maintenance of wooden buildings. Wood-based materials and their integration into structures. Processing and treatment of wood and wood products. Execution of log buildings, frame, post-and-beam, and half-timbered structures; assembly of light and heavy timber frames using element-based and panel construction. Implementation of large-area wooden structures. Joints in wooden constructions. Hybrid structures for low-energy buildings. Finishing and completion structures in timber buildings. Site placement and integration of wooden buildings within a specific area. Strong emphasis is placed on the ecological impact of wooden buildings and their management and maintenance throughout their entire life cycle.			
519DEN2	Special Dendrology	KZ	2
522SNK5	Statics and Loadbearing Structures V	KZ	2
Characteristic defects and failures of buildings, the analysis of load effects and influences in terms of the occurrence of failures, non-force effects and influences, cyclic effects, load history, mechanisms of failure of building materials and structures, degradation and corrosion processes, transport processes, time dependence properties and "building - environment" interactions.			
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.			
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 Monographic portraits of selected artists from Renaissance to 20th century, whose importance exceeded both style and movement categories.	KZ	2
513FSP4	Philosophy, Sociology and Psychology IV	KZ	2
513FSP5	Philosophy, Sociology and Psychology 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
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	Studio-Implementation Project	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 Nemetchek			
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
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	Spatial Informatics I	KZ	2
521PRI2	Spatial Informatics II	KZ	2
521PRK2	Regional and Landscape planning II	KZ	2
521PRS1	Spatial Systems I	KZ	2
521PRS2	Spatial Systems II	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
Characteristic defects and failures of buildings, the analysis of load effects and influences in terms of the occurrence of failures, non-force effects and influences, cyclic effects, load history, mechanisms of failure of building materials and structures, degradation and corrosion processes, transport processes, time dependence properties and "building - environment" interactions.			
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	Implementation, Management and Economics of Construction 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 seliction of building method, flow - line process.			
524PRES3	Implementation, Management and Economics of Construction 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	Implementation, Management and Economics of Construction 4	KZ	2
Construction, implementation, management, and maintenance of wooden buildings. Wood-based materials and their integration into structures. Processing and treatment of wood and wood products. Execution of log buildings, frame, post-and-beam, and half-timbered structures; assembly of light and heavy timber frames using element-based and panel construction. Implementation of large-area wooden structures. Joints in wooden constructions. Hybrid structures for low-energy buildings. Finishing and completion structures in timber buildings. Site placement and integration of wooden buildings within a specific area. Strong emphasis is placed on the ecological impact of wooden buildings and their management and maintenance throughout their entire life cycle.			
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.			
524TZ2N	Renewable Resources of Energy	KZ	2
Renewable energy resources,secondary energy resources,passive solar energ. gains,photovoltaic,photothetmal 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
540ATRN	Studio-Implementation Project	KZ	11
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	KZ	11
Carrying out a project of a building complex based on consultations with the teacher			
599ATU	Studio-Urban Design	KZ	11
Carrying out an urban design project based on consultations with the teacher			
599ATV	Studio-Elective Course	KZ	4
599ATVZ	Studio-Free Assignment	KZ	11
Carrying out a project of a chosen assignment based on consultations with the teacher and specialists			
599STN	Residency	Z	
599STN1	Residency	Z	
599WS1	Workshop	Z	
599WS2	Workshop	Z	
599WS3	Workshop	Z	

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