Study plan

Name of study plan: Navazující Krajiná ská architektura

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Landscape Architecture Type of study: Follow-up master full-time

Required credits: 120 Elective courses credits: 0 Sum of credits in the plan: 120

Note on the plan:

Name of the block: Compulsory courses Minimal number of credits of the block: 98

The role of the block: Z

Code of the group: ATELIÉRY NKA

Name of the group: Ateliérová tvorba navazující KA

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

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

Credits in the group: 70 Note on the group:

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

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

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

Code of the group: POVINNÉ NKA

Name of the group: Povinné navazující KA

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

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

Credits in the group: 28 Note on the group:

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

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

| 521EKL1K | Ecology I | ZK | 2 | | | | |
|-----------------------|---|-------------|---|--|--|--|--|
| 520KA4 | Landscape Architecture IV | ZK | 2 | | | | |
| 520KA5 | Landscape Architecture V | KZ | 2 | | | | |
| 514KK1 | | Z,ZK | 3 | | | | |
| 519U4K | Urban Design | Z,ZK | 3 | | | | |
| During the seminars s | students can verify their abilities to design chosen urban areas. The related excursions became an important part of the teaching | ng process. | | | | | |
| 520PRK1 | Regional and Landscape planning I | KZ | 2 | | | | |
| 521PRK2K | Regional and Landscape planning II | KZ | 2 | | | | |
| 524PK | Law | ZK | 2 | | | | |
| | | | | | | | |

Introduction to system of law - brief historical explanation of construction law and professional conduct; professional conduct in Czech republic and EU - comparative explanation; construction law, land use planning, city (town) planning, structure planning, local and regional planning, building permit, urban issues; 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)

| • | | | |
|------------------------|---|--------------------|-----------|
| 520PAMK | | Z,ZK | 2 |
| 524PRES3K | 3 | Z,ZK | 3 |
| Investment, evaluation | of an investment opportunity, calculation of efficiency of architectural project. Economics and development of a region, real e | state market, gove | ernmental |
| investments. | | | |
| 513TEK | Theory of Landscape Architecture | ZK | 2 |
| 521UP1K | Urban Planning | Z,ZK | 3 |

Principles of spatial planning as a conscious influence of changes in the territory. Planning history and the role of planning in a democratic society. Getting to know stakeholders in the planning process and the types of planning tools, the process of their creation, approval and use and relationships and linkages that influence the regional development.

Name of the block: Elective courses

Minimal number of credits of the block: 22

The role of the block: V

Code of the group: VOLITELNÉ NKA

Name of the group: Volitelné navazující NKA

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

Requirement courses in the group:

Credits in the group: 22 Note on the group:

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.) | Completion | Credits | Scope | Semester | Role |
|----------|--|------------|---------|-------|----------|------|
| 521UP2K | Planning analyses Petr Klápšt Petr Klápšt (Gar.) | KZ | 2 | 1P+1C | L | V |
| 520ATV | Studio-Elective Course Tomáš Sklená, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Till Rehwaldt, Klára Concepcion (Gar.) | KZ | 4 | 0P+4C | L,Z | V |
| 516CAD4 | Compurter Aided Design IV Lucie Mizerová, Ji í Skácilík, Adam Preisler, Dana Mat jovská, Ivana Vinšová, Petr Irinkov, Michal Jirát, Šimon Prokop, Dušan Uruba Dana Mat jovská (Gar.) | KZ | 2 | 0P+2C | L | V |
| 513DAT7 | History and Theory of Architecture VII Jana Tichá Jana Tichá (Gar.) | ZK | 2 | 2P+0C | L | V |
| 513DAT8 | History and Theory of Architecture VIII Ji í Tourek Jana Tichá (Gar.) | KZ | 2 | 0P+2C | Z | V |
| 513DU3K | History of Art III Jana Tichá Hubert Kamil Guzik (Gar.) | KZ | 2 | 2P+0C | L | V |
| 521EKL2K | Ecology II Petr Klápšt Petr Klápšt Petr Klápšt (Gar.) | KZ | 2 | 2P+0C | Z | V |
| 513FSP4 | Philosophy, Sociology and Psychology IV Vladan Klement Vladan Klement Petr Vorlik (Gar.) | KZ | 2 | 0P+2C | z | V |
| 513FSP5 | Philosophy, Sociology and Psychology V Tomáš Ho ení Samec Tomáš Ho ení Samec (Gar.) | KZ | 2 | 0P+2C | L | V |
| 514KK2 | Klára Salzmann, Václav Fanta, Markéta Šantr ková, Milena Hauserová, Klára Fantová Klára Salzmann (Gar.) | ZK | 2 | 2P+0C | L | V |
| 519U5K | Methods Jana Zdráhalová, Lukáš Kopp Jana Zdráhalová (Gar.) | KZ | 2 | 1P+1C | L | V |
| 518NS6N | Ensembles and Big Buildings Zbyšek Styblo, Patrik Kotas, David Belko, Karel Fo tl, Arnošt Navrátil, Michal Kohout, Michal Juha Michal Kohout Michal Kohout (Gar.) | ZK | 2 | 2P+0C | Z | V |
| 518NS7 | Communication and Design Strategies Michal Kohout, Edita Lisecová, Roman Koucký Edita Lisecová Roman Koucký (Gar.) | KZ | 2 | 2P+0C | z | V |
| 520PRK3 | Regional and Landscape planning III Klára Salzmann, Eva Jeníková Klára Salzmann (Gar.) | Z,ZK | 2 | 1P+1C | L | V |
| 523PS8K | Failures and Reconstruction of Buildings Luboš Kán, Petr J n, Marek Novotný Luboš Kán Petr J n (Gar.) | KZ | 2 | 2P+0C | z | V |
| 519U7K | Urbanistic Composition II Tomáš Ctibor, Petr Hlavá ek, Lenka Chlanová, Jaromír Hainc Petr Hlavá ek Petr Hlavá ek (Gar.) | KZ | 2 | 1P+1C | L | V |
| 521UP3K | Spatial and Strategic Planning Petr Klápšt , Jan Vozáb, Jakub Vorel Jakub Vorel Jakub Vorel (Gar.) | KZ | 2 | 1P+1C | Z | V |
| 521PRI1K | Jakub Vorel, Daniel Franke Daniel Franke Daniel Franke (Gar.) | KZ | 2 | 1P+1C | Z | V |
| 521PRI2K | Jakub Vorel, Daniel Franke Daniel Franke Jakub Vorel (Gar.) | KZ | 2 | 1P+1C | L | V |
| 521PRS1K | Karel Maier, Veronika Šindlerová Veronika Šindlerová (Gar.) | KZ | 2 | 2P+0C | Z | V |
| 521PRS2K | Jan Vozáb Jan Vozáb Karel Maier (Gar.) | KZ | 2 | 1P+1C | L | V |
| 514SHP1 | Michael Rykl, Martin Ebel, Martin Kolovský | KZ | 2 | 1P+1C | L | V |
| 599STN1 | Residency Irena Šestáková | Z | | | | V |
| 599STN | Residency Irena Šestáková | Z | | | | V |
| 519U6K | Regional Planning Zde ka Havlová, Irena Fialová Irena Fialová (Gar.) | KZ | 2 | 1P+1C | Z | V |
| 511VT6K | Visual Arts VI Gabriela Nováková Gabriela Nováková Ivan Vosecký (Gar.) | KZ | 2 | 0P+2C | Z | V |
| 523PS7K | Design of Facades Bed iška Va ková, Aleš Marek Aleš Marek Aleš Marek (Gar.) | KZ | 2 | 2P+0C | L | V |
| 523PS6K | Aleš Marek, Tomáš Klanc, Vladimír Da kovský Tomáš Klanc Vladimír Da kovský (Gar.) | KZ | 2 | 2P+0C | Z | V |
| 599WS2 | Workshop | Z | | | | V |
| 599WS3 | Workshop | Z | | | | V |
| 599WS1 | Workshop | Z | | | | V |

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

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

| S21EK12K | 513DAT8 | History and Theory of Architecture VIII | 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. Civing tutorials on students works and presentation. 513FSP4 Philosophy, Sociology and Psychology IV KZ 2 514KK2 RZ ZK 2 514KK2 RZ ZK 2 519USK Methods Ensembles and Big Buildings ZK ZK 2 518NSG Communication and Design Strategies XZ ZK 2 518NSG Communication and Design Strategies XZ ZK 2 518NSG Regional and Landscape planning III ZZ ZK 2 520FSRK Regional and Landscape planning III ZZ ZK 2 523FSRK Regional and Landscape planning III ZZ ZK 2 523FSRK Regional and Landscape planning III ZZ ZK 2 524FSRK Regional and Landscape planning III ZZ ZK 2 524FSRK Regional and Landscape planning III ZZ ZK 2 525FSRK Regional and Landscape planning III ZZ ZK 2 526FSRK Regional and Landscape planning III XZ ZX 2 527FSRK Regional and Landscape planning III XZ ZX 2 528FSRK Regional and Landscape planning III XZ ZX 2 528FSRK Regional Architecture in the same plantscape of the properties of the same plantscape in the plantscape of the plantscape in the | 513DU3K | History of Art III | KZ | 2 |
| development. Social-environment situation, identify problems, phenomenon of a location, everyday life. Methods of social ecology for participation of inhabitants and communication, examples of their use. Giving tutorials on students' works and presentation. 513FSP4 Philosophy, Sociology and Psychology IV KZ 2 513FSP5 Philosophy, Sociology and Psychology V KZ 2 514KK2 ZS 519U5K Methods KZ 2 519U5K Methods KZ 2 518NS6N Ensembles and Big Buildings KZ 2 518NS6N Ensembles and Big Buildings KZ 2 518NS7 Communication and Design Strategies KZ 2 528F8K Regional and Landscape planning III ZZK 2 529F8K3 Regional and Landscape planning III ZZK 2 529F8K 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 ethods, incl. advanced methods with usage of up to date technologies and materials. 519U7K Urbanistic Composition II KZ 2 521U23K Spatial and Strategic Planning KZ 2 531U23K Spatial and Strategic Planning KZ 2 531PSIK Spatial Residency Signal Resi | 521EKL2K | Ecology II | KZ | 2 |
| examples of their use. Giving tutorials on students' works and presentation. 513FSP4 Philosophy, Sociology and Psychology IV KZ 2 513FSP5 Philosophy, Sociology and Psychology V KZ 2 514KK2 ST4K2 ST519USK Methods KZ 2 518NS6N Ensembles and Big Buildings KZ 2 518NS6N Ensembles and Big Buildings KZ 2 518NS6N Communication and Design Strategies KZ 2 518NS6N Ensembles and Big Buildings KZ 2 518NS7 Communication and Design Strategies KZ 2 518NS7 Regional and Landscape planning III Z,ZK 2 52PRS3 Regional and Landscape planning III Z,ZK 2 529PS8K Failures and Reconstruction of Buildings KZ 2 521PV3K Variable V | Approaches, metho | ods, problem questions and particular examples of social ecology in connection with regional and strategic plann | ning, architecture, municipal policy, su | ustainable |
| 513FSP4 Philosophy, Sociology and Psychology IV KZ 2 513FSP5 Philosophy, Sociology and Psychology V KZ 2 513FSP5 Philosophy, Sociology and Psychology V KZ 2 514KKZ 2 519U5K Methods KZ 2 519U5K Methods KZ 2 518NS6N Ensembles and Big Buildings KZ 2 518NS6N Ensembles and Design Strategies KZ 2 518NS7 Communication and Design Strategies KZ 2 52W 2 618NS7 Regional and Landscape planning III Regional and Landscape planning III Regional and Landscape planning III Regional and Endoscape planning III Regional Advanced methods with usage of up to date technologies and materials. 519U7K Urbanistic Composition II Regional Region | • | | or participation of inhabitants and co | mmunication, |
| Start Star | examples of their u | se. Giving tutorials on students' works and presentation. | | |
| 514KK2 Methods ZK 2 519USK Methods ZK 2 518USGN Ensembles and Big Buildings ZK 2 518USGN 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 \$20PKK3 Regional and Landscape planning III Z,ZK 2 520PKSA Regional Planning III Z,ZK 2 523PS8K 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 521PXK Urbanistic Composition II KZ 2 521UPSK Spatial and Strategic Planning KZ 2 521PR3K Spatial and Strategic Planning KZ 2 521PR3K Spatial and Strategic Planning KZ 2 521PR3K K | 513FSP4 | Philosophy, Sociology and Psychology IV | KZ | 2 |
| Section Sect | 513FSP5 | Philosophy, Sociology and Psychology V | KZ | 2 |
| Ensembles and Big Buildings Communication and Design Strategies KZ 2 518NS7 Communication and Design Strategies KZ 2 Enter the highways, railways, bridges, waterways, contruction of dams, weirs and other engineering structures affect the formation of cities and landscape 520PRK3 Regional and Landscape planning III S2,2K 2 523PS8K Failures and Reconstruction of Buildings 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. 519U7K Urbanistic Composition II KZ 2 521UP3K 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. 521PR1K KZ 2 521PR1K KZ 2 521PRS1K KZ 2 521PRS2K KZ 2 521PRS2K KZ 2 599STN1 Residency Z 599STN1 Residency Z 510LGK Regional Planning KZ Z 510LGK Regional Planning KZ Z 510LGK Regional Planning KZ Z 521PR1GK Visual Arts VI Z 523PS7K Design of Facades Tends in contemporary construction in relation to architectural design, digitalization of construction in all phases of the building life cycle, use of Blin Information modelling, and the expected development of construction in relation to architectural design. Presentation of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague. 529WS2 Workshop Z | 514KK2 | | ZK | 2 |
| Standard Communication and Design Strategies KZ 2 | 519U5K | Methods | KZ | 2 |
| Standard Communication and Design Strategies KZ 2 | 518NS6N | Ensembles and Big Buildings | ZK | 2 |
| Regional and Landscape planning III | 518NS7 | Communication and Design Strategies | KZ | 2 |
| Failures and Reconstruction of Buildings 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. 519U7K Urbanistic Composition II KZ 2 2 521UP3K Spatial and Strategic Planning KZ 2 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. 521PR1K KZ 2 521PR1K KZ 2 521PR1K KZ 2 521PR51K KZ 2 521PR52K KZ 2 521PR52K KZ 2 521PR52K KZ 2 514SHP1 Residency 599STN1 Residency 519U6K Regional Planning KZ 2 511VT6K Visual Arts VI Sual Arts VI Sual Arts VI Segron Facades Trends in contemporary construction (integrated and sustainable building design, digitalization 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 | How the highways, | | of cities and landscape | |
| Failures and reconstruction of basements, vertical and roof structures. Analysis of origin, improper design, application, further aspects. Emphasis on waterproofing and building physics. Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials. 519U7K Urbanistic Composition II 521UP3K 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. 521PR1IK KZ 2 521PR31K KZ 2 521PR31K KZ 2 521PRS2K KZ 2 521PRS2K KZ 2 521PRS2K KZ 2 521PRS1K Residency 599STN Residency 599STN Residency 519U6K Regional Planning KZ 2 511VT6K Visual Arts VI Design of Facades Tends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling,) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague. 523PS6K Basic definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex. 599WS2 Workshop Workshop Z | 520PRK3 | Regional and Landscape planning III | Z,ZK | 2 |
| Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials. 519UTK Urbanistic Composition II 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 identity problems and potentials of concrete area. Development of scenarios and, on their bases, development strategy. KZ 2 521PR1K KZ 2 521PR2K KZ 2 521PRS1K KZ 2 521PRS2K KZ 2 54SHP1 Residency 599STN Residency 599STN Residency 519U6K Regional Planning KZ 2 511VT6K Visual Arts VI Design of Facades Trends in ontemporary construction (integrated and sustainable building design, digitalization 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. KZ 2 SapSSK Sask definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex. 599WS2 Workshop Vorkshop | 523PS8K | Failures and Reconstruction of Buildings | KZ | 2 |
| Spatial and Strategic Planning | Failures and recons | struction of basements, vertical and roof structures. Analysis of origin, improper design, application, further aspect | ts. Emphasis on waterproofing and bu | uilding physics. |
| 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. 521PR1IK 521PR1IK 521PR31K 521PRS1K 521PRS2K 521PRS2K 521PRS2K 541SHP1 Residency 599STN1 Residency 599STN Residency 519U6K Regional Planning KZ 2 511VT6K Visual Arts VI 523PS7K Design of Facades Tends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling,) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague. 523PS6K Raic Call Call Call Call Call Call Call Cal | Defect prevention, | renovation methods, incl. advanced methods with usage of up to date technologies and materials. | | |
| 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 | 519U7K | Urbanistic Composition II | KZ | 2 |
| of concrete area. Development of scenarios and, on their bases, development strategy. 521PR1IK | 521UP3K | Spatial and Strategic Planning | KZ | 2 |
| SZ1PRIK KZ 2 | Analyses of structu | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SW | OT analysis use to identify problems | and potentials |
| 521PR12K KZ 2 521PRS2K KZ 2 514SHP1 KZ 2 599STN1 Residency Z 599STN Residency Z 599STN Residency Z 519U6K Regional Planning KZ 2 511VT6K Visual Arts VI KZ 2 51VT6K VISUa | of concrete area. D | evelopment of scenarios and, on their bases, development strategy. | | |
| SZ PRS1K KZ 2 | 521PRI1K | | KZ | 2 |
| SZ PRS2K SZ SZ SZ SZ SZ SZ SZ S | 521PRI2K | | KZ | 2 |
| STASHP1 Residency Z STASTIN Residency Z Z STASTIN Residency Z Z STASTIN Residency Z Z Z Z Z Z Z Z Z | 521PRS1K | | KZ | 2 |
| Residency TespSTN Residency Segonal Planning KZ 2 | 521PRS2K | | KZ | 2 |
| Residency 519U6K Regional Planning KZ 2 511VT6K Visual Arts VI Design of Facades Trends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling,) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague. 523PS6K RZ 2 Basic definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex. 599WS2 Workshop Z 599WS3 Workshop | 514SHP1 | | KZ | 2 |
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| Design of Facades Trends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling,) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague. 523PS6K Basic definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex. 599WS2 Workshop Z 599WS3 Workshop | 511VT6K | · · · | KZ | 2 |
| Trends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling,) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague. 523PS6K Basic definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex. 599WS2 Workshop Z 599WS3 Workshop | 523PS7K | | | 2 |
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| design of low-energy buildings. Interaction between building parterre and urban complex. 599WS2 Workshop Z 599WS3 Workshop Z | 523PS6K | | 1 1 | |
| 599WS2 Workshop Z 599WS3 Workshop Z | | | ciples. Parameters and structural pri | nciples of the |
| 599WS3 Workshop Z | | | | |
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| | 599WS1 | Workshop | Z | |

Code of the group: ATPV

Name of the group: Ateliér volitelný Requirement credits in the group: Requirement courses in the group:

Credits in the group: 0
Note on the group:

| Note on the g | roup. | | | | | |
|---------------|---|------------|---------|-------|----------|------|
| 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, Kate ina Sýsová, Henri Hubertus Achten, Miloš Florián, Ji í Pavlí ek Henri Hubertus Achten (Gar.) | KZ | 4 | 0P+4C | | V |
| 515ATV | Studio-Elective Course Pavla Kvízová, Vladimír Soukenka, Jan T ma Vladimír Soukenka (Gar.) | KZ | 4 | 0P+4C | | V |
| 518ATV | Studio-Elective Course David Belko, Arnošt Navrátil, Michal Kohout, Michal Juha, Edita Lisecová, Roman Koucký, Ond ej Tu ek, Ond ej Císler, Irena Šestáková, Ond ej Císler Ond ej Císler (Gar.) | KZ | 4 | 0P+4C | | V |
| 519ATV | Studio-Elective Course Ivan Plicka, Ji í Kloko ka, Jana Zdráhalová, Jan Jehlík, Michal Kuzemenský, Tomáš Zmek, Petra Kunarová, Michal Škrna, Jonáš Krýzl, Jan Jehlík (Gar.) | KZ | 4 | 0P+4C | | V |
| 527ATV | Studio-Elective Course Radek Lampa, Tomáš Hrade ný, Tomáš Novotný, Miroslav Cikán, Zden k Rothbauer, Ján Stempel, Alena Šrámková, Jan Jakub Tesa, Vojt ch Sosna Ján Stempel | KZ | 4 | 0P+4C | | V |

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

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

| Characteristi | cs of the courses of this group of Study Plan: Code=AIPV Name | =Atelier voliteiny | |
|---------------|---|--------------------|---|
| 520ATV | Studio-Elective Course | KZ | 4 |
| 516ATV | Studio-Elective Course | KZ | 4 |
| 515ATV | Studio-Elective Course | KZ | 4 |
| 518ATV | Studio-Elective Course | KZ | 4 |
| 519ATV | Studio-Elective Course | KZ | 4 |
| 527ATV | Studio-Elective Course | KZ | 4 |
| 529ATV | Studio-Elective Course | KZ | 4 |
| 550ATV | Studio-Elective Course | KZ | 4 |
| 514ATV | Studio-Elective Course | KZ | 4 |
| 528ATV | Studio-Elective Course | KZ | 4 |
| 599ATV | Studio-Elective Course | KZ | 4 |
| 540ATV | Studio-Elective Course | KZ | 4 |
| 511ATV | Studio-Elective Course | KZ | 4 |
| 521ATV | Studio-Elective Course | KZ | 4 |

List of courses of this pass:

| Code | Name of the course | Completion | Credits |
|---------|--|-----------------|---------|
| 511ATV | Studio-Elective Course | KZ | 4 |
| 511VT6K | Visual Arts VI | KZ | 2 |
| 513DAT7 | History and Theory of Architecture VII | ZK | 2 |
| 513DAT8 | History and Theory of Architecture VIII | KZ | 2 |
| 513DU3K | History of Art III | KZ | 2 |
| 513FSP4 | Philosophy, Sociology and Psychology IV | KZ | 2 |
| 513FSP5 | Philosophy, Sociology and Psychology V | KZ | 2 |
| 513TEK | Theory of Landscape Architecture | ZK | 2 |
| 514ATV | Studio-Elective Course | KZ | 4 |
| 514KK1 | | Z,ZK | 3 |
| 514KK2 | | ZK | 2 |
| 514SHP1 | | KZ | 2 |
| 515ATV | Studio-Elective Course | KZ | 4 |
| 516ATV | Studio-Elective Course | KZ | 4 |
| 516CAD4 | Compurter Aided Design IV | KZ | 2 |
| | Workshop - new trends in modelling, visualization, animation, software: 3DStudio Viz, ArchiCAD, Allplan Nemetchek | | |
| 518ATV | Studio-Elective Course | KZ | 4 |
| 518NS6N | Ensembles and Big Buildings | ZK | 2 |
| 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 | s and landscape | |

| 519ATV 519U4K | Studio-Elective Course | KZ | 4 |
|--|--|---|--|
| | Urban Design | Z,ZK | 3 |
| | the seminars students can verify their abilities to design chosen urban areas. The related excursions became an important part of the | • | _ |
| 519U5K | Methods | KZ | 2 |
| 519U6K | Regional Planning | KZ | 2 |
| 519U7K | Urbanistic Composition II | KZ | 2 |
| 520AT4 | Studio 4 | KZ | 13 |
| 520AT5K | Studio 5 | KZ | 13 |
| 520AT6 | Studio 6 | KZ | 14 |
| 520ATV | Studio-Elective Course | KZ | 4 |
| 520DP | Diploma Project | Z | 28 |
| 520DSN | Diploma Seminar | KZ | 2 |
| 520KA4 | Landscape Architecture IV | ZK | 2 |
| 520KA5 | Landscape Architecture V | KZ | 2 |
| 520PAMK | Landsdape / normestare v | Z,ZK | 2 |
| 520PRK1 | Regional and Landscape planning I | KZ | 2 |
| 520PRK3 | Regional and Landscape planning III | Z,ZK | 2 |
| 521 KK3 | Studio-Elective Course | KZ | 4 |
| | | | |
| 521EKL1K | Ecology I | ZK | 2 |
| 521EKL2K | Ecology II thods, problem questions and particular examples of social ecology in connection with regional and strategic planning, architecture, n | KZ | 2 Istainable |
| | al-environment situation, identity problems, phenomenon of a location, everyday life. Methods of social ecology for participation of inh | | |
| dovolopinonii. Cool | examples of their use. Giving tutorials on students' works and presentation. | | namoadon |
| 521PRI1K | | KZ | 2 |
| 521PRI2K | | KZ | 2 |
| 521PRK2K | Regional and Landscape planning II | KZ | 2 |
| 521PRS1K | regional and Landocapo planning in | KZ | 2 |
| 521PRS2K | | KZ | 2 |
| 521UP1K | Urban Planning | Z,ZK | 3 |
| | I planning as a conscious influence of changes in the territory. Planning history and the role of planning in a democratic society. Gettir | , | _ |
| | cess and the types of planning tools, the process of their creation, approval and use and relationships and linkages that influence the | - | |
| 521UP2K | Planning analyses | KZ | 2 |
| Recognition and | assessment and the specification of problems to be solved in the planning documentation., The basic principles of urban planning app | olied to the planning | ng of basic |
| | themes: natural conditions, settlement and housing, recreation, production, transportation - in terms of limits, values and risks for ea | ch theme | |
| | | | |
| 521UP3K | Spatial and Strategic Planning | KZ | 2 |
| | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id | KZ | |
| Analyses of structu | | KZ entify problems ar | d potentia |
| Analyses of structu | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id of concrete area. Development of scenarios and, on their bases, development strategy. | KZ entify problems ar KZ | d potentia |
| Analyses of structu | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id of concrete area. Development of scenarios and, on their bases, development strategy. Indicators of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a | KZ entify problems ar KZ | d potentia |
| nalyses of structu 523PS6K Basic definitions a | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id of concrete area. Development of scenarios and, on their bases, development strategy. Independent of scenarios and their bases, development strategy. Independent of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. | KZ entify problems ar KZ nd structural princ | d potentia 2 iples of th |
| 523PS6K Basic definitions a | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id of concrete area. Development of scenarios and, on their bases, development strategy. Independent of scenarios and, on their bases, development strategy. Independent of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. Design of Facades | KZ entify problems ar KZ nd structural princ | 2 iples of the |
| 523PS6K Basic definitions a 523PS7K Tends in contempor | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id of concrete area. Development of scenarios and, on their bases, development strategy. Independent of scenarios and their bases, development strategy. Independent of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. | KZ entify problems ar KZ nd structural princ KZ of BIM information | d potentia 2 iples of th 2 n modellin |
| 523PS6K Basic definitions a 523PS7K Tends in contemporal and the expected | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to id of concrete area. Development of scenarios and, on their bases, development strategy. Indicators of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. Design of Facades Design of construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use | KZ entify problems ar KZ nd structural princ KZ of BIM information uildings in the Cze | d potentia 2 iples of the 2 n modellin ch Republ |
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| 523PS6K Basic definitions a 523PS7K Trends in contemporal, and the expected abroad. Interactions a 523PS8K failures and reconsists | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to ide of concrete area. Development of scenarios and, on their bases, development strategy. Indicators of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. Design of Facades Derary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, used development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with to important buildings in Prague. Failures and Reconstruction of Buildings Failures, Analysis of origin, improper design, application, further aspects. Emphasis on water Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials. Law | KZ entify problems ar KZ nd structural princ KZ of BIM information uildings in the Cze th commentary by KZ rproofing and build | d potential 2 iples of th 2 in modellin in the autho 2 ing physic |
| 523PS7K rends in contemporal abroad. Interact 523PS8K ailures and recons 524PK Introduction to sy | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to ide of concrete area. Development of scenarios and, on their bases, development strategy. Indicators of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. Design of Facades Derary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, used development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with to important buildings in Prague. Failures and Reconstruction of Buildings Fairuction of basements, vertical and roof structures. Analysis of origin, improper design, application, further aspects. Emphasis on water Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials. Law stem of law - brief historical explanation of construction law and professional conduct; professional conduct in Czech republic and EU | KZ entify problems ar KZ nd structural princ KZ of BIM information uildings in the Czeth commentary by KZ rproofing and build ZK - comparative exp | d potential 2 iples of th 2 in modellin ch Repub the autho 2 ing physic 2 planation; |
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| 523PS6K Basic definitions a 523PS7K Trends in contemporal, and the expected abroad. Interact 523PS8K failures and reconstruction to sy construction law environment and s | ration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to ide of concrete area. Development of scenarios and, on their bases, development strategy. Indicators of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters a design of low-energy buildings. Interaction between building parterre and urban complex. Design of Facades Derary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, used development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with to important buildings in Prague. Failures and Reconstruction of Buildings Fairuction of basements, vertical and roof structures. Analysis of origin, improper design, application, further aspects. Emphasis on water Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials. Law stem of law - brief historical explanation of construction law and professional conduct; professional conduct in Czech republic and EU | KZ entify problems ar KZ nd structural princ KZ of BIM information uildings in the Czeth commentary by KZ rproofing and build ZK - comparative expelled and decision il protection, water | d potential 2 iples of th 2 n modellin ch Repub the autho 2 ing physic planation; n making, |
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