

# Study plan

**Name of study plan: Architektura a stavitelství, zaměřením Architektura a urbanismus**

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Architecture and Building Sciences

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: tento studijní plán platí od roku 2019

Name of the block: Compulsory courses

Minimal number of credits of the block: 33

The role of the block: Z

Code of the group: NA20190101

Name of the group: Architektura a stavitelství, povinné předměty, 1. semestr

Requirement credits in the group: In this group you have to gain at least 11 credits (at most 0)

Requirement courses in the group: In this group you have to complete at least 2 courses

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
124HRRB	<b>Historical structures and restoration of buildings</b> Jiří Witzany, Tomáš Hejka, Radek Zígler, Klára Krořtová <b>Klára Krořtová</b>	Z,ZK	7	4P+2C	Z	z
125SYB	<b>Building Systems</b> Karel Kabele, Jan Tywoniak, Roman Musil, Stanislav Frolík, Hana Kabrřelová <b>Hana Kabrřelová</b> Karel Kabele (Gar.)	ZK	4	4P	Z	z

**Characteristics of the courses of this group of Study Plan: Code=NA20190101 Name=Architektura a stavitelství, povinné předměty, 1. semestr**

124HRRB	Historical structures and restoration of buildings	Z,ZK	7	Approach to building failures, their manifestation. Types of defects, their reasons. Agents causing deterioration, durability. Principles and procedures of structural diagnosis. Failures and remedial work of foundations, masonry and DPCs, vaults, horizontal load-bearing structures (timber, concrete), roofs and claddings, vertical load-bearing structures (concrete, steel). Study Cases. Protection and rehabilitation of historic monuments.		
125SYB	Building Systems	ZK	4			

Code of the group: NA20190200

Name of the group: Architektura a stavitelství, povinné předměty, 2. semestr

Requirement credits in the group: In this group you have to gain at least 13 credits (at most 0)

Requirement courses in the group: In this group you have to complete at least 3 courses

Credits in the group: 13

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
105ESSO	<b>Aesthetic and Sociology</b> Monika Dobiášová, Tomáš Koblížek <b>Monika Dobiášová</b> (Gar.)	Z	3	2P+1C	Z	z
127UVI	<b>Urban Planning and Public Infrastructure</b> Václav Jetel, Ivan Horký, Marek Janatka, Ivan Kaplan <b>Václav Jetel</b> Ivan Kaplan (Gar.)	ZK	5	4P	L	z
129SAR	<b>Contemporary Architecture</b> Lenka Popelová, Zdeněk Lukeš, Petr Urlich, Nikolay Brankov, Pavel Škranc, Radomíra Sedláková <b>Lenka Popelová</b> (Gar.)	Z,ZK	5	2P+2C	L	z

Characteristics of the courses of this group of Study Plan: Code=NA20190200 Name=Architektura a stavitelství, povinné p edm ty, 2. semestr

105ESSO	Aesthetic and Sociology	Z	3
127UVI	Urban Planning and Public Infrastructure	ZK	5
129SAR	Contemporary Architecture	Z,ZK	5

Code of the group: NA20190301

Name of the group: Architektura a stavitelství, povinné p edm ty, 3. semestr

Requirement credits in the group: In this group you have to gain at least 9 credits (at most 0)

Requirement courses in the group: In this group you have to complete at least 2 courses

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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
127KAZP	<b>Landscape Architecture and Environment</b> Ji í Kupka, Josef Krása, Tomáš Dostál, Ivan Vorel Ji í Kupka Ji í Kupka (Gar.)	Z,ZK	5	3P+2C	Z	Z
129UPP	<b>Introduction to professional practise</b> Ji í Š ástka, Petr Lédl, Mikuláš Hulec, Jaroslav Da a, Jan Kašpar, Aleš Van k Petr Lédl Petr Lédl (Gar.)	Z,ZK	4	2P+2C		Z

Characteristics of the courses of this group of Study Plan: Code=NA20190301 Name=Architektura a stavitelství, povinné p edm ty, 3. semestr

127KAZP	Landscape Architecture and Environment	Z,ZK	5
129UPP	Introduction to professional practise	Z,ZK	4

Name of the block: Povinné p edm ty zam ení

Minimal number of credits of the block: 57

The role of the block: PZ

Code of the group: NA20190002\_1

Name of the group: zam ení Architektura a urbanismus, p edm ty zam ení

Requirement credits in the group: In this group you have to gain at least 57 credits

Requirement courses in the group: In this group you have to complete at least 7 courses

Credits in the group: 57

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
127AMG1	<b>Master Urban Studio</b> Ji í Kupka, Petr Durdík, Daniel Stojan Ji í Kupka Ji í Kupka (Gar.)	KZ	14	12C	Z	PZ
127USRM	<b>Urban Structures and Urban Development</b> Ji í Kugl, Jan Mužík Ji í Kupka Jan Mužík (Gar.)	ZK	5	4P	Z	PZ
127ATUR	<b>Urban Studio</b> Václav Jetel Václav Jetel (Gar.)	KZ	9	7C	L	PZ
127UTS	<b>Urban Design and Information Systems</b> Václav Jetel, Ivan Horký, Marek Janatka, František Pospíšil František Pospíšil Václav Jetel (Gar.)	Z,ZK	5	2P+2C	L	PZ
127UKKO	<b>Urban and Landscape Design</b> Ji í Kupka, Ivan Vorel, Zuzana Pešková Ji í Kupka Zuzana Pešková (Gar.)	ZK	3	2P	L	PZ
127AMG2	<b>Master Urban Studio 2</b> Petr Durdík, Daniel Stojan Petr Durdík Petr Durdík (Gar.)	KZ	16	12C		PZ
127NUKP	<b>Town and Country Planning Instruments</b> Ji í Kupka, Ivan Vorel, Petr Durdík, František Pospíšil Ji í Kupka Ji í Kupka (Gar.)	ZK	5	3P+1C		PZ

Characteristics of the courses of this group of Study Plan: Code=NA20190002\_1 Name=zam ení Architektura a urbanismus, p edm ty zam ení

127AMG1	Master Urban Studio	KZ	14
127USRM	Urban Structures and Urban Development	ZK	5
127ATUR	Urban Studio	KZ	9
127UTS	Urban Design and Information Systems	Z,ZK	5

127UKKO	Urban and Landscape Design	ZK	3
The course provides an introduction to urban planning and landscape composition and theory as a basis for urban and landscape planning (the image of the city, the city environment, perception). Theoretical issues are supplemented with examples from history and examples of various urban analysis.			
127AMG2	Master Urban Studio 2	KZ	16
127NUKP	Town and Country Planning Instruments	ZK	5
The subject combines the topics of urban and landscape planning tools. In the spatial planning builds on the lessons in a bachelor study program-URB3. More detail is here treated the issue of spatial planning, in particular, the procedure for the acquisition and processing of spatial analytical data and spatial plan, common methodological approaches, contents and extent of the documentation. Students will get acquainted with the principles contained in the building Act and its implementing regulations. In the section on landscape planning are detailed procedures for planning each landscape of subsystems and the types of documents that can be used for this purpose.			

Name of the block: Povinn volitelné p edm ty, doporu ení S2

Minimal number of credits of the block: 30

The role of the block: S2

Code of the group: NA20190402\_1

Name of the group: Architektura a stavitelství, diplomová práce

Requirement credits in the group: In this group you have to gain at least 30 credits

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

Credits in the group: 30

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
127DPM	<b>Diploma Thesis</b> Václav Jetel, Ivan Horký, Marek Janatka, Ivan Kaplan, Ivan Vorel, Petr Durdík, Jan Mužík, František Pospíšil, Jan Storch <b>František Pospíšil František Pospíšil (Gar.)</b>	Z	30	24C	Z,L	S2

Characteristics of the courses of this group of Study Plan: Code=NA20190402\_1 Name=Architektura a stavitelství, diplomová práce

127DPM	Diploma Thesis	Z	30
The analysis of the choosen region and proposition of the solution to fix detected problems.			

### List of courses of this pass:

Code	Name of the course	Completion	Credits
105ESSO	Aesthetic and Sociology	Z	3
124HRRB	Historical structures and restoration of buildings	Z,ZK	7
Approach to building failures, their manifestation. Types of defects, their reasons. Agents causing deterioration, durability. Principles and procedures of structural diagnosis. Failures and remedial work of foundations, masonry and DPCs, vaults, horizontal load-bearing structures (timber, concrete), roofs and claddings, vertical load-bearing structures (concrete, steel). Study Cases. Protection and rehabilitation of historic monuments.			
125SYB	Building Systems	ZK	4
127AMG1	Master Urban Studio	KZ	14
127AMG2	Master Urban Studio 2	KZ	16
127ATUR	Urban Studio	KZ	9
127DPM	Diploma Thesis	Z	30
The analysis of the choosen region and proposition of the solution to fix detected problems.			
127KAZP	Landscape Architecture and Environment	Z,ZK	5
127NUKP	Town and Country Planning Instruments	ZK	5
The subject combines the topics of urban and landscape planning tools. In the spatial planning builds on the lessons in a bachelor study program-URB3. More detail is here treated the issue of spatial planning, in particular, the procedure for the acquisition and processing of spatial analytical data and spatial plan, common methodological approaches, contents and extent of the documentation. Students will get acquainted with the principles contained in the building Act and its implementing regulations. In the section on landscape planning are detailed procedures for planning each landscape of subsystems and the types of documents that can be used for this purpose.			
127UKKO	Urban and Landscape Design	ZK	3
The course provides an introduction to urban planning and landscape composition and theory as a basis for urban and landscape planning (the image of the city, the city environment, perception). Theoretical issues are supplemented with examples from history and examples of various urban analysis.			
127USRM	Urban Structures and Urban Development	ZK	5
127UTS	Urban Design and Information Systems	Z,ZK	5
127UVI	Urban Planning and Public Infrastructure	ZK	5
129SAR	Contemporary Architecture	Z,ZK	5
129UPP	Introduction to professional practise	Z,ZK	4

