

Study plan

Name of study plan: obor Architektura a stavitelství, zaměření Architektura a urbanismus

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Architecture and Building Engineering

Garantor of the study branch: doc. Ing. arch. Václav Dvořák, CSc.

Program of study: Architecture and Building Engineering

Type of study: Follow-up master full-time

Required credits: 139

Elective courses credits: -19

Sum of credits in the plan: 120

Note on the plan: tento studijní plán platí od roku 2015-16

Name of the block: Compulsory courses

Minimal number of credits of the block: 33

The role of the block: Z

Code of the group: NA20150100

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

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

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	Historical structures and restoration of buildings Jiří Witzany, Tomáš Čejka, Radek Zigler, Klára Kroftová Klára Kroftová	Z,ZK	7	4P+2C	Z	z
125SYB	Building Systems Karel Kabele, Ilona Koubková, Jan Tywoniak, Roman Musil, Stanislav Frolík, Hana Kabrhelová Hana Kabrhelová Karel Kabele (Gar.)	ZK	4	4P	Z	z

Characteristics of the courses of this group of Study Plan: Code=NA20150100 Name=obor Architektura a stavitelství, 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: NA20150200

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

Requirement credits in the group: In this group you have to gain at least 13 credits

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

Characteristics of the courses of this group of Study Plan: Code=NA20150200 Name=obor Architektura a stavitelství, 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: NA20150300

Name of the group: obor Architektura a stavitelství, 3. semestr

Requirement credits in the group: In this group you have to gain at least 9 credits

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	Landscape Architecture and Environment Jiří Kupka, Josef Krása, Tomáš Dostál, Ivan Vorel Jiří Kupka Jiří Kupka (Gar.)	Z,ZK	5	3P+2C	Z	Z
129UPP	Introduction to professional practise Jiří Štáštka, Petr Lédl, Mikuláš Hulec, Jaroslav Daďa Petr Lédl Petr Lédl (Gar.)	Z,ZK	4	2P+2C		Z

Characteristics of the courses of this group of Study Plan: Code=NA20150300 Name=obor Architektura a stavitelství, 3. semestr

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

Name of the block: Povinné předměty zaměření

Minimal number of credits of the block: 76

The role of the block: PZ

Code of the group: NA20150102

Name of the group: obor A, zaměření Architektura a urbanismus, 1. sem.

Requirement credits in the group: In this group you have to gain at least 19 credits

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

Credits in the group: 19

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	Master Urban Studio Jiří Kupka, Petr Durdík, Daniel Stojan Jiří Kupka Jiří Kupka (Gar.)	KZ	14	12C	Z	PZ
127USRM	Urban Structures and Urban Development Jan Mužík Jiří Kupka Jan Mužík (Gar.)	ZK	5	4P	Z	PZ

Characteristics of the courses of this group of Study Plan: Code=NA20150102 Name=obor A, zaměření Architektura a urbanismus, 1. sem.

127AMG1	Master Urban Studio	KZ	14
127USRM	Urban Structures and Urban Development	ZK	5

Code of the group: NA20150002

Name of the group: Architektura a stavitelství, zaměření Architektura a urbanismus

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	Master Urban Studio Jiří Kupka, Petr Durdík, Daniel Stojan Jiří Kupka Jiří Kupka (Gar.)	KZ	14	12C	Z	PZ
127USRM	Urban Structures and Urban Development Jan Mužík Jiří Kupka Jan Mužík (Gar.)	ZK	5	4P	Z	PZ

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

Characteristics of the courses of this group of Study Plan: Code=NA20150002 Name=Architektura a stavitelství, zaměření Architektura a urbanismus

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: Povinně volitelné předměty, doporučení S1

Minimal number of credits of the block: 30

The role of the block: S1

Code of the group: NA20150400

Name of the group: obor 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) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
127DPM	Diploma Thesis <i>Václav Jetel, Ivan Horký, Marek Janatka, Ivan Kaplan, Ivan Vorel, Petr Durdík, Jan Mužík, František Pospíšil, Jan Storch</i> František Pospíšil <i>František Pospíšil (Gar.)</i>	Z	30	24C	Z,L	S1
129DPM	Diploma Thesis <i>Klára Kroftová, Ivan Kaplan, Ivan Vorel, Petr Lédl, Mikuláš Hulec, Jaroslav Daďa, Jana Hořícká, Petr Durdík, Zuzana Pešková, Jana Hořícká</i> Václav Dvořák <i>(Gar.)</i>	Z	30	24C	L,Z	S1

Characteristics of the courses of this group of Study Plan: Code=NA20150400 Name=obor Architektura a stavitelství, diplomová práce

127DPM	Diploma Thesis	Z	30
129DPM	Diploma Thesis	Z	30

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 chosen 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
129DPM	Diploma Thesis	Z	30
129SAR	Contemporary Architecture	Z,ZK	5
129UPP	Introduction to professional practise	Z,ZK	4

For updated information see <http://bilakniha.cvut.cz/en/FF.html>

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