

## Study plan

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

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: 120

Elective courses credits: 0

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	<b>Historical structures and restoration of buildings</b> Jiří Witzany, Tomáš Čejka, Radek Zigler, Klára Kroftová <b>Klára Kroftová</b>	Z,ZK	7	4P+2C	Z	z
125SYB	<b>Building Systems</b> Karel Kabele, Ilona Koubková, Jan Tywoniak, Roman Musil, Stanislav Frolík, Hana Kabrhelová <b>Hana Kabrhelová</b> 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	<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, Petr Urlich, Zdeněk Lukeš, Nikolay Brankov, Pavel Škranc, Radomíra Sedláková <b>Jana Hořícká</b> 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	<b>Landscape Architecture and Environment</b> Jiří Kupka, Josef Krása, Tomáš Dostál, Ivan Vorel <b>Jiří Kupka Jiří Kupka</b> (Gar.)	Z,ZK	5	3P+2C	Z	Z
129UPP	<b>Introduction to professional practise</b> Jiří Štáštka, Petr Lédl, Mikuláš Hulec, Jaroslav Daďa <b>Petr Lédl Petr Lédl</b> (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: 57

The role of the block: PZ

Code of the group: NA20150001

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

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
129AMG1	<b>Design Studio I</b> Jana Hořická Jaroslav Daďa (Gar.)	KZ	14	12C	Z	PZ
129INT	<b>Interior</b> Vladimír Gleich, Zdenka Nováková, Simona Felixová, Zuzana Pešková, Ladislav Stupka, Vít Domkář, Iva Knappová, Věra Suchá, Helena Hexnerová, ..... Vladimír Gleich Zuzana Pešková (Gar.)	Z,ZK	5	2P+2C	Z	PZ
126MGTA	<b>Management A</b> Václav Tatýrek, Daniel Macek <b>Václav Tatýrek Daniel Macek</b> (Gar.)	ZK	3	2P	Z,L	PZ
129AAKA	<b>Architectural and Constructional Design</b> Klára Kroftová, Aleš Vaněk, Karel Hájek, Tomáš Šenberger, Jiří Pošmourný, Jan Pustějovský, Miloš Kopriva, Patrik Kotas, Petr Šíkola, ..... <b>Jana Hořická Petr Šíkola</b> (Gar.)	KZ	9	7C	L	PZ
133ARST	<b>Architecture and Statics</b> Michal Netušil, Lukáš Vráblík <b>Lukáš Vráblík Lukáš Vráblík</b> (Gar.)	Z,ZK	5	2P+2C	L	PZ
129AMG2	<b>Design Studio 2</b> Jana Hořická Mikuláš Hulec (Gar.)	KZ	16	12C	Z	PZ
129DEUM	<b>History of Arts</b> Rudolf Pošva, Josef Záruba Pfeffermann <b>Josef Záruba Pfeffermann Josef Záruba Pfeffermann</b> (Gar.)	Z,ZK	5	2P+2C	Z	PZ

Characteristics of the courses of this group of Study Plan: Code=NA20150001 Name=Architektura a stavitelství, zaměření Architektura a stavitelství, předměty zaměření

129AMG1	Design Studio I	KZ	14
129INT	Interior	Z,ZK	5

Application of different materials in the interior design according to the purpose and reaching of aesthetical space effects. Solving of architectural details within particular situation.

126MGTA	Management A	ZK	3
The lectures dealing with the issue of Facility Management are based on the EU standard EN 15221 " Facility Management" , which is defined in this study as the integrated management of all services that support the basic activities of the company . The course also deals with the issue operation of buildings from a technical and economic point of view . Part of the lectures dealing with economics students familiar with project management and application of his methods in practice of the architect / designer, multicriterial decision making and financing investment projects. Furthermore, the state and development of the Czech Republic and construction.			
129AAKA	Architectural and Constructional Design	KZ	9
133ARST	Architecture and Statics	Z,ZK	5
129AMG2	Design Studio 2	KZ	16
129DEUM	History of Arts	Z,ZK	5

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) 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, Jan Mužík, Jan Storch, Petr Durdík, František Pospíšil <b>František Pospíšil</b> František Pospíšil (Gar.)	Z	30	24C	Z,L	S1
129DPM	<b>Diploma Thesis</b> Klára Kroftová, Ivan Kaplan, Ivan Vorel, Petr Lédl, Mikuláš Hulec, Jaroslav Daďa, Jana Hořícká, Eva Linhartová, Karel Hájek, ..... <b>Jana Hořícká</b> Václav Dvořák (Gar.)	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
The analysis of the choosen region and proposition of the solution to fix detected problems.			
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
126MGTA	Management A	ZK	3
The lectures dealing with the issue of Facility Management are based on the EU standard EN 15221 " Facility Management" , which is defined in this study as the integrated management of all services that support the basic activities of the company . The course also deals with the issue operation of buildings from a technical and economic point of view . Part of the lectures dealing with economics students familiar with project management and application of his methods in practice of the architect / designer, multicriterial decision making and financing investment projects. Furthermore, the state and development of the Czech Republic and construction.			
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
127UVI	Urban Planning and Public Infrastructure	ZK	5
129AAKA	Architectural and Constructional Design	KZ	9
129AMG1	Design Studio I	KZ	14
129AMG2	Design Studio 2	KZ	16
129DEUM	History of Arts	Z,ZK	5
129DPM	Diploma Thesis	Z	30

129INT	Interior	Z,ZK	5
Application of different materials in the interior design according to the purpose and reaching of aesthetical space effects. Solving of architectural details within particular situation.			
129SAR	Contemporary Architecture	Z,ZK	5
129UPP	Introduction to professional practise	Z,ZK	4
133ARST	Architecture and Statics	Z,ZK	5

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

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