

## Study Plan of Doctoral Study Program Architecture and Urbanism AY 2024/25

The Individual Study Plan (ISP) is prepared by the doctoral student in collaboration with their supervisor. The supervisor and the chairman of the branch board approves the ISP of the student. The ISP has to contain seven courses. Of these, four of the subjects are compulsory, another one is compulsory branch-related and the last two compulsory courses are electives.

It is possible to include two additional courses from the master's study program in the set of courses, if the doctoral students demonstrate significant lack of knowledge in the given field and has not completed the course in their master's studies. In agreement with the supervisor, the doctoral student can enroll other courses, which do not always have to end with an exam. In addition to the courses taught at FA (and also FD for the Smart Cities program), the ISP may also include courses taught by another faculty or university beyond the scope of the mandatory ISP composition.

The study block in ISP is divided into a maximum of **four semesters for the full-time** form of study or a maximum of **six semesters for the combined form** of study. **Students are recommended to finish the study block by the end of the 4th semester.**

**Classes start on October 3rd, 2024 this semester.**

Course	code	semester	exam, credit	guarantor / lecturer
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### Compulsory Courses - 4

Four courses which are common for all specialization.

Methods of Scientific Research	521DZVP	winter	exam	doc. Ing. arch. Jakub Vorel, Ph.D.; Ing. arch. Mgr. et Mgr. Klára Brůhová, Ph.D.; Mgr. Tomáš Hoření Samec, Ph.D.; Prof. Dr. Ing. Martin Pospíšil, Ph.D.
Philosophy and Sociology	513DFS5	winter	exam	Mgr. Vladan Klement, Ph.D.
Scientific Writing in English	526DSWE	summer	credit, exam	Mgr. Anna Jirásková
Information for Research and Science	513DIVV	summer	exam	Mgr. Michaela Morysková, Ing. T. Bulanova, PhD; Mgr. S. Fryščíková, PhD.; Ing. Mgr. L. Korhoňová; Bc. K. Kudličková; Mgr. T. Nováková; Mgr. D. Skoruša; Mgr. I. Vávrová; doc. Ing. arch. Jana Zdráhalová, Ph.D.

### Compulsory Branch-Related Course - 1

One branch-related course, selected from the following list, is mandatory for each specialization

#### Courses of Specialization - Architecture, Theory and Design

Theory of Architecture	513DDAR	summer	exam	Mgr. Jiří Tourek, Ph.D.
Issues of Contemporary Architectural Design	513DSAT	summer	exam	doc. PhDr. Jana Tichá, Ph.D.

#### Courses of Specialization - Urbanism and Spatial Planning

Theories of Spatial Planning	521DUP	summer	exam	prof. Ing.arch. Karel Maier, CSc.
Statistical Methods	521DSTA	summer	exam	doc. Ing. arch. Jakub Vorel, Ph.D.
Information Technology and Development Modelling	521DGIS	winter	exam	doc. Ing. arch. Jakub Vorel, Ph.D., Mgr. Jiří Čtyroký
Urban and Regional Economics and Management	519DEK3	winter	exam	prof. Ing. arch. Karel Maier, CSc.
Ecology	521DEK3	summer	exam	Ing. arch. Petr Klápště, Ph.D.
Urban Design	519DURB	winter	exam	prof. Ing. arch. Jan Jehlík, doc Ing. arch. Irena Fialová, Ing. arch. Jana Zdráhalová

<b>Courses of Specialization - History of Architecture and Monument Conservation</b>				
History of Architecture	513DTDA	summer	exam	prof. PhDr. Pavel Kalina, CSc.
Selected Topics in Theory of Heritage Preservation	514DRP4	summer	exam	doc. Ing. arch. Milena Hauserová, CSc.
Surveys of Historical Structures	513DPHS	summer	exam	doc. Ing. Michael Rykl, Ph.D.
<b>Courses of Specialization - Architecture, Construction and Technology</b>				
Building Structures, Materials and Technologies	523DSK	summer	exam	Ing. Aleš Marek, doc. Dr. Ing. Martin Pospíšil, Ph.D. doc. Ing. Miroslav Sýkora, Ing. Lenka Prokopová, Ph.D., Ing. Radka Pernicová, Ph.D. (the teacher is specified according to the topic of the dissertation)
Engineering Informatics	516DINF	summer	exam	prof. Dr. Ir. Henri Achten, Ph.D.
Architecture and Load-Bearing Structures	522DANK	winter	exam	doc. Ing. Karel Lorenc CSc.
BIM and Integrated Building Design	523DBIM	summer	exam	doc. Ing. Vladimír Daňkovský, CSc., Ing. Marek Novotný, Ph.D., Ing. Aleš Marek, Ph.D.
Theory and Technology of Buildings Internal Environment	524DTZ5	summer	exam	doc. Ing. Daniela Bošová, Ph.D., doc. Ing. Lenka Prokopová, Ph.D.
<b>Courses of Specialization - Landscape Architecture</b>				
Landscape Infrastructure	520DIK	summer	exam	doc. Ing. Klára Salzmann, Ph.D.
Landscapes in Process – Trend and Trajectories	520DKP	winter	exam	RNDr. PhDr. Markéta Šantrůčková, Ph.D.
<b>Elective Courses - 2</b>				
<b>The other two courses are selected from the list of all courses so that they are not repeated in the ISP</b>				
Theory of Architecture	513DDAR	summer	exam	Mgr. Jiří Tourek, Ph.D.
Issues of Contemporary Architectural Design	513DSAT	summer	exam	doc. PhDr. Jana Tichá, Ph.D.
Theories of Spatial Planning	521DUP	summer	exam	prof. Ing.arch. Karel Maier, CSc.
Statistical Methods	521DSTA	summer	exam	doc. Ing. arch. Jakub Vorel, Ph.D.
Information Technology and Development Modelling	521DGIS	winter	exam	doc. Ing. arch. Jakub Vorel, Ph.D., Mgr. Jiří Čtyroký
Urban and Regional Economics and Management	519DEK3	winter	exam	prof. Ing. arch. Karel Maier, CSc.
Ecology	521DEK3	summer	exam	Ing. arch. Petr Klápště, Ph.D.
Urban Design	519DURB	winter	exam	prof. Ing. arch. Jan Jehlík, doc Ing. arch. Irena Fialová, Ing. arch. Jana Zdráhalová
History of Architecture	513DTDA	summer	exam	prof. PhDr. Pavel Kalina, CSc.
Selected Topics in Theory of Heritage Preservation	514DRP4	summer	exam	doc. Ing. arch. Milena Hauserová, CSc.
Surveys of Historical Structures	513DPHS	summer	exam	doc. Ing. Michael Rykl, Ph.D.
Building Structures, Materials and Technologies	523DSK	summer	exam	Ing. Aleš Marek, doc. Dr. Ing. Martin Pospíšil, Ph.D. doc. Ing. Miroslav Sýkora, Ing. Lenka Prokopová, Ph.D., Ing. Radka Pernicová, Ph.D. (the teacher is specified according to the topic of the dissertation)

Engineering Informatics	516DINF	letní	exam	prof. Dr. Ir. Henri Achten, Ph.D.
Architecture and Load-bearing Structures	522DANK	zimní	exam	doc. Ing. Karel Lorenc CSc.
BIM and Integrated Building Design	523DBIM	summer	exam	doc. Ing. Vladimír Daňkovský, CSc., Ing. Marek Novotný, Ph.D., Ing. Aleš Marek
Theory and Technology of Buildings Internal Environment	524DTZ5	summer	exam	doc. Ing. Daniela Bošová, Ph.D., Ing. Lenka Prokopová, Ph.D.
Landscape Infrastructure	520DIK	summer	exam	doc. Ing. Klára Salzmann, Ph.D.
Landscapes in Process – Trend and Trajectories	520DKP	winter	exam	RNDr. PhDr. Markéta Šantrůčková, Ph.D.
<b>Optional Courses (beyond the mandatory ISP)</b>				
English Language	526DOJA	w / s	exam	PhDr. Kateřina Valentová
French Language	526DOJF	w / s	exam	Mgr. Ing. Zuzana Krýzlová
German Language	526DOJN	w / s	exam	Mgr. Ing. Zuzana Krýzlová
Tělesná výchova		w / s	credit	guarantor according to Bc., Mgr. program
<b>The following points of study and exams are mandatory for all fields, for all of which it is necessary to register by their respective deadlines</b>				
Student Scientific Conference		2nd semester	application	M.A. Klára Ullmannová
State of the Art		2nd semester		Supervisor
Dissertation Study		3rd semester		Supervisor
		4th semester full-time students, 6th semester combined		
Dissertation Study Defence		students	application	Supervisor
State Doctoral Examination		application	application	Chairman of the Branch Board (ORP)
Dissertation Defense		application	application	Chairman of the Branch Board (ORP)