

Study Plan of Doctoral Study Program of Architecture and Urbanism 2023/24

The Individual Study Plan (ISP) is prepared by the doctoral student in collaboration with their tutor. The supervisor (tutor) and chairman of the branch board approves the ISP of the student. The ISP has to contain a language and six subjects. Of these, three of the subjects are compulsory, another one is compulsory branch-related and the last two compulsory subjects are electives. Completion of the language studies is proven by an examination in at least one world language (usually English) or a certificate of language proficiency recognized by the Faculty's Cabinet of Languages.

In addition, two subjects from the study in the master's study program can be included in the set of compulsory branch-related subjects if the doctoral student demonstrates a significant lack of knowledge in the given field and has not completed the subject in their master's study. Upon agreement with the supervisor, the doctoral student can also take other subjects, which do not always have to end with an exam. In addition to the subjects taught by CTU, the ISP may also include subjects taught by another university.

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.**

This semester is beginning on October 5, 2023 with a doctoral workshop at the FA CTU in Prague, 1st floor, room no. 152. Courses start October 19, 2023.

Course	code	semester	exam, assessment	guarantor / lecturer
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Compulsory Courses - 3

Three courses which are common for all specialization.

Methods of Scientific Research	521DZVP	winter	exam	prof. Ing. arch. Karel Maier, CSc.
Philosophy and Sociology	513DFS5	summer	exam	Mgr. Vladan Klement, Ph.D.
Information for Research and Science	513DIVV	winter	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

Foreign Language is compulsory for all specialization

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

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., doc. Ing. arch. Jakub Vorel, Ph.D.
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Statistical Methods	521DSTA	summer	exam	doc. Ing. arch. Jakub Vorel, Ph.D., prof. Dr. Ing. Milan Holický, DrSc.
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., Ing. arch. Lukáš Makovský
Ecology	521DEK3	summer	exam	Ing. arch. Petr Klápště, Ph.D.
Urban Design	519DURB	summer	exam	prof. Ing. arch. Jan Jehlík, doc Ing. arch. Irena Fialová, Ing. arch. Jana Zdráhalová
Courses of Specialization - History of Architecture and Monument Conservation				
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.
Subjects of Specialization - Architecture, Construction and Technology				
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.
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
Theory and Technology of Buildings Internal Environment	524DTZ5	summer	exam	doc. Ing. Daniela Bošová, Ph.D., Ing. Lenka Prokopová, Ph.D.
Subjects of Specialization - Landscape Architecture				
Landscape Infrastructure	520DIK	summer	exam	doc. Ing. arch. Ivan Plicka, CSc., Ing. Klára Salzmann, Ph.D.
Landscapes in Process – Trend and Trajectories	520DKP	winter	exam	Ing. Vladimír Sitta, doc. Ing. arch. Ivan Plicka, CSc., prof. PhDr. Ing. Josef Šmajš, CSc.

Elective Courses - 2

The other two courses are selected from the list of all courses so that they are not repeated in the ISP

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., doc. Ing. arch. Jakub Vorel, Ph.D.
Statistical Methods	521DSTA	summer	exam	doc. Ing. arch. Jakub Vorel, Ph.D., prof. Dr. Ing. Milan Holický, DrSc.
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. , Ing. arch. Lukáš Makovský
Ecology	521DEK3	summer	exam	Ing. arch. Petr Klápště, Ph.D.
Urban Design	519DURB	summer	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.
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. arch. Ivan Plicka, CSc., Ing. Klára Salzmann, Ph.D.
Landscapes in Process – Trend and Trajectories	520DKP	winter	exam	Ing. Vladimír Sitta, doc. Ing. arch. Ivan Plicka, CSc., prof. PhDr. Ing. Josef Šmajš, CSc.

Optional Courses						
Tělesná výchova				w / s	assessment	guarantor according to Bc., Mgr. program

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						
Student scientific conference				summer (2nd semester)		doc. Ing. arch. Jana Zdráhalová, Ph.D.
State of the Art				summer (2nd semester)		Supervisor
Dissertation Study				w / s	exam	Supervisor
Architecture, Theory and Creation			STDATT			
Urban Design and Spatial planning			STDUUP			
History of Architecture and Monument Conservation			STDDAPP			
Architecture, Building and Technology			STDAST			
State Doctoral Examination				w / s	exam	Chairman of Branch Board

Architecture, Theory and Creation			SZDATT			
Urban Design and Spatial planning			SZDUUP			
History of Architecture and Monument Conservation			SZDDAPP			
Architecture, Building and Technology			SZDAST			
Dissertation Defense				w / s	exam	Chairman of Branch Board