ČVUT

FA

ENGLISH LANGUAGE STUDY PROGRAMS

FACULTY OF ARCHITECTURE

ACADEMIC YEAR 2022/23

ČVUT

FA

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ČESKÉ VYSOKÉ UČENÍ TECHNICKÉ V PRAZE

ENGLISH LANGUAGE STUDY PROGRAMS

Academic Year 2022/23

FAKULTA ARCHITEKTURY ČVUT V PRAZE

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ENGLISH LANGUAGE STUDY PROGRAMS

Academic Year 2022/23

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A.
Formal structure of CTU|FA

1. Structure of CTU

The Czech Technical University in Prague (CTU) is a public university located in Prague. It is the world's oldest non-military technical university. Study programs are run at faculties and university institutes in the form of bachelor's, master's and doctoral programs. Today, CTU has eight faculties that, according to their field, are further divided into departments or institutes that provide tuition for the individual faculties.

faculties:

Faculty of Civil Engineering (F1; FSv)
Faculty of Mechanical Engineering (F2; FS)
Faculty of Electrical Engineering (F3; FEL)
Faculty of Nuclear Sciences and Physical Engineering (F4; FJFI)
Faculty of Architecture (F5; FA)
Faculty of Transportation Sciences (F6; FD)
Faculty of Biomedical Engineering (F7; FBMI)
Faculty of Information Technology (F8; FIT)

university institutes:

Klokner Institute (KÚ)
Masaryk Institute of Advanced Studies (MÚVS)
Institute of Physical Education and Sport (ÚTVS)
University Center for Energy Efficient Buildings (UCEEB)
Czech Institute of Computer Science, Robotics and Cybernetics (CIIRC)
Institute of Experimental and Applied Physics CTU (ÚTEF)

other CTU bodies:

Computing and Information Center (VIC)
CTU Central Library (ÚK)

special purpose bodies:

Rectorate of CTU (RČVUT)
Special Purpose Facilities (SÚZ)
Czech Technology - CTU Publishing House (CTN)

2. CTU Management

rector:

doc. RNDr. Vojtěch Petráček, CSc.

vice-rectors:

doc. Dr. Ing. Gabriela Achtenová (bachelor's and master's studies)
Ing. Veronika Kramaříková, MBA (development and strategy)
prof. Ing. Zbyněk Škvor, CSc. (science, creative activities and Ph.D. studies)
prof. Ing. Alena Kohoutková, CSc., FEng. (construction)
Ing. Radek Holý, Ph.D. (quality management)
prof. Ing. Oldřich Starý, CSc. (international relations)

registrar:

Ing. Jiří Boháček

chairman of the CTU AS:

doc. Ing. Jan Janoušek, Ph.D.

chancellor:

Ing. Lucie Orgoníková

3. FA Management

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prof. Ing. arch. Petr Vorlík, Ph.D. (science, research and art)
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faculty secretary:

Ing. Jana Tóthová
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MgA. Ondřej Šmída (assistant)
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research centre for industrial heritage (RCIH):

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doc. Ing. arch. Irena Fialová; prof. Ing. arch. Jan Jehlík;
prof. akad. soch. Marian Karel; prof. Ing. arch. Michal Kohout;
Ing. Aleš Marek; Ph.D.; doc. Ing. arch. Dana Matějovská, Ph.D.;
doc. Dr. Ing. Martin Pospíšil, Ph.D.; Ing. arch. Kateřina Rottová, Ph.D.;
Ing. arch. Jan Sedlák (chairman AS FA); Ing. Vladimír Sitta;
prof. akad. arch. Vladimír Soukenka; prof. Ing. arch. Ján Stempel;
prof. Ing. arch. Irena Šestáková; RNDr. Jiří Šrubař, Ph.D.; Ing. Jana Tóthová;
PhDr. Kateřina Valentová; Tomáš Vojtíšek (vice-chairman of AS FA for the
student part); doc. Ing. arch. Jakub Vorel, Ph.D.;
prof. Ing. arch. Petr Vorlík; Ing. arch. Akad. mal. Ivan Vosecký

ACADEMIC SENATE

chair:

Ing. arch. Jan Sedlák

vice-chair:

Henrieta Nezpěváková, M.A., Ph.D. (representing employees)
Tomáš Vojtíšek (representing students)

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Ing. Radmila Fingerová
Mgr. Hubert Kamil Guzik, Ph.D.
Ing. arch. Jiří Kárník
prof. Ing. arch. Michal Kohout
doc. Ing. arch. Dana Matějovská, Ph.D.
doc. Ing. Michael Rykl, Ph.D.
prof. Ing. arch. Hana Seho

student members representatives:

Ing. arch. Josef Holeček
Alice Nikola Hurychová
Ing. arch. Šimon Prokop
Ing. arch. Kristýna Schulzová

SCIENCE AND ARTS COUNCIL

members:

doc. Ing. arch. Dalibor Hlaváček, Ph.D. (chairman);
prof. Ing. arch. Petr Vorlík, Ph.D. (vice-chairman);
prof. Dr. Henri Hubertus Achten; prof. Ing. arch. Matúš Dulla, DrSc.;
prof. Ing. arch. Jan Jehlík; prof. akad. soch. Marian Karel;
doc. Ing. arch. Akad. arch. Jiří Klokočka; prof. Ing. Vladimír Kočí, Ph.D., MBA
prof. Ing. arch. Michal Kohout; doc. Ing. arch. Ivan Plicka, CSc.;
doc. Dr. Ing.Martin Pospíšil, Ph.D.; prof. Ing. arch. Ján Stempel;
prof. Ing. arch. Irena Šestáková, doc. Ing. arch. Jakub Vorel, Ph.D.

external members

Ing. arch. MArch Jan Kristek, Ph.D. prof. Dr. Ing. arch. Henrieta Moravčíková
prof. doc. M.A. Jan Němeček, Ing. arch. MgA. Osamu Okamura
Ing. arch. Jiří Opočenský, Ing. Zdeněk Sendler, Ing. Pavel Štěpán

honorary members:

Ing. arch. Naděžda Goryczková
Mgr. Karel Ksandr
Ing. arch. Regina Loukotová, Ph.D
prof. Ing. Jiří Máca, CSc
doc. Dr. Ing. Alena Salašová
prof. Ing. arch. ir. Zdeněk Zavřel, dr. h. c.

B.
Study at the FA

a: Faculty of Architecture, Thákurova 9, Praha 6;
t: +420 224 351 111; f: + 420 224 310 573; w: www.fa.cvut.cz/en

1. History

The teaching of architecture at the Czech Technical University has a long tradition. Its foundations were laid in the earliest days of the existence of the Civil Engineering School, which was founded on 18 January 1707 by edict of Emperor Joseph I. As early as the middle of the 18th century, the teaching of architecture – conceived as a synthesis of art, science and technology – was launched in connection with the discipline of civil engineering. This period is associated with the names of prominent professors such as J. F. Schor (1686–1767) and F. A. Herget (1741–1800). Under professor F. J. Gerstner (1756 –1832) the original Civil Engineering School was transformed into the Prague Polytechnic, which educated experts for domestic industry, construction and architecture. A number of outstanding architects taught at this school, such as J. Fischer, J. Zítek and J. Schulz, who designed the National Theatre, as well as other architects including A. Balšánek, J. Fanta and J. Koula who were linked with the advent of the modern style.

In 1920, two years after the foundation of an independent Czechoslovakia, the school was renamed the Czech Technical University (CTU). The college of architecture and civil engineering became one of seven CTU colleges. Its leading professors included J. Kříženecký, A. Engel, A. Mendel, A. Ausobský, R. Kukač, O. Blažíček, S. Ondřej, O. Stefan and V. Krch. During the German occupation (1939–1945) all Czech universities were closed. Following the war teaching continued at the College of Architecture and Civil Engineering (from 1950 called a faculty), when in 1960 the Faculty of Construction with a Study Focus on Architecture was created. In 1976 the independent Faculty of Architecture with two fields of study was established: - Architecture and - Urbanism and Urban Planning. While the Civil Engineering field of study remained under the Faculty of Construction. This division led over the years to a marked separation of these two closely related fields.

Following the Velvet Revolution in 1989 further major changes were implemented, both in the organisation and structure of the studies, in line with the new 1991 Act on Higher Education Institutions. Professional organisations - the Civic Forum of Architects, the Community of Architects and later also the Czech Chamber of Architects - helped to initiate changes that were influenced by transformations in architectural practice in the new free market environment. Many architects who had been victims of political discrimination started teaching at the school, and many Czechs architects working abroad got involved in the education process aswell. In addition, the younger generation of Czech architects also contributed to the shaping of new conditions.

A fundamental change in the system of tuition took place; the existing system of typological division of departments was replaced by a looser system based on a combination of knowledge-based education and design-based "vertical studios" led by experienced practitioners.

The development of this new model of education continued after the Czech Republic's accession to the European Union in 2004 and fresh modifications to the Act on Higher Education Institutions. The six-year continuous study program was replaced by the Bologna Agreement based two-phase program divided into bachelor's (three-year) and master's (two-year) levels that conclude with state exams and the defence of thesis. The relatively automatic continuation from one phase of study to the next was gradually abandoned, with stricter selection criteria that boost the quality of students at the master's level phase.

The Faculty of Architecture's long-term objectives include the addition of related programs and fields of study. In 2009, the Design study program with the Industrial Design field were opened, while in 2015 the Landscape Architecture study program with the Landscape Architecture field was launched. Modules as specialisations in other fields (spatial planning, heritage protection, city development, digital computing) have been created. In the doctoral study programs further development will be based on a closer connection between architectural creation and academic and pedagogical work. The structure of the current four-year doctoral study programs is also undergoing fundamental changes.

The Faculty of Architecture is open to foreign students through its full-time master's and doctoral courses accredited in English and through its many student longterm exchanges under the ERASMUS+ program or the bilateral agreements with universities outside Europe. Cooperation of our students, teachers and researchers with foreign schools is expanding, both in teaching and research. This is facilitated by the faculty's membership in international

organisations of architecture and urban studies schools and by the direct international personal contacts of teachers.
In 2011, the Faculty of Architecture relocated to the CTU's New Building at the Prague 6 - Dejvice university campus, thus acquiring infinitely superior conditions for its development. The new environment also provides the preconditions for the faculty` s further substantial development, improvement of its teaching standards, as well as its becoming an academic and professional platform within the context of CTU as the largest Czech technical university, as well as within the arena of Czech and European architecture and urban studies, landscape architecture and 21st century design.

2. Nature of Studies

On the basis of Act No. 111/1998 Coll. on Higher Education Institutions, the Faculty of Architecture runs six study programs in Czech at the bachelor's and master's levels and three study programs in English at the master's level. Master's study programs in English are tuition fee-paying.

The Master's study program Architecture and Urbanism has been recognised by the EU and included in Annex 5 to the Directive on the recognition of professional qualifications, as it meets the requirements for the education of architects defined by Council Directives 85/384/EEC and 2005/36/EC. Thanks to this, graduates may apply for registration in EU countries, and therefore conduct their work abroad without having to document of the scope of their studies or knowledge in the field.

The university education of architects and designers is centred on developing their creative abilities, enabling them to find new paths or paths in the field. Teaching at the Faculty of Architecture is governed by the endeavour not only to provide students with specialist knowledge but also an image of the contemporary world with all the contexts and points of departure that influence contemporary architectural and design work. The programs are focused on providing students with essential knowledge spanning the whole of the fields and placed in an interdisciplinary context, knowledge that corresponds to the demands of the work of an architect, landscape architect or designer and that will be fully applicable in their professional careers.

One of the fundamental principles of the study programs at the Faculty of Architecture is a balance between compulsory and elective humanities, theoretical, technical and artistic subjects, and above all, a major proportion of design studio education. In this regard, the programs are fully comparable and compatible with those of other European architecture schools.

On the basis of Act No. 111/1998 Coll. on Higher Education Institutions, the Faculty of Architecture runs Doctoral study programs in English in five specialised fields for selected graduates of the master's programs. Doctoral study programs in English are fee-paying.

As the highest level of education, doctoral studies are primarily intended for students who wish to concentrate on academic and research work. Aspirants apply, in competition form, for the thematic areas of doctoral study published on the faculty's website at the announcement of the selection procedure. Their level of knowledge, preparedness and facility for creative academic work is evaluated by an admissions committee appointed by the dean. Study is either full-time or combined-time form. Full-time study takes four years, with the program divided across eight semesters, including the thesis (dissertation) defence.

Full-time doctoral students play a role in the institution's teaching and are entitled to six weeks of holiday during the calendar year. Studies take place on the basis of an individual plan under the guidance of a supervisor. Doctoral students are assessed every semester and their progress to the following year is based on the results of their studies.

STUDY PROGRAMS

MAG EN

Accredited master's study programs in English:
Architecture and Urbanism (Ing. arch.)
Landscape Architecture (Ing.)
Design (MgA.)

faculty coordinator of MAG EN programs:
Veronika Brejchová
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PH.D. EN

Accredited doctoral study programs in English:
Architecture and Urbanism (Ph.D.)
- Architecture, Theory and Design
- Urban Design and Spatial Planning
- History of Architecture and Monument Conservation
- Architecture, Building and Technology

faculty coordinator of PH.D. EN programs:

Mgr. Gabriela Thompson

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3. Tuition Fees

Studies in English are subject to tuition fees. The program fees of the Master's Study in English (Architecture and Urbanism, Design and Landscape Architecture) were CZK 132 000 (approx. EUR 5 100, USD 5 800) in 2021-22. The tuition fees for Doctoral Study in English (Architecture and Urbanism and Design) were CZK 1 000 (approx. EUR 38, USD 45).

Check the central database of all study programs for the program fees at the Study at CTU section. Download the CTU Guides where you can find all the important information that you need before you arrive in the Czech Republic.

www.fa.cvut.cz/en/applicants/admission/tuition-fees

4. Student Exchange Programs

CTU and the Faculty of Architecture offers their students participation in international study exchanges and practice exchanges primarily via the ERASMUS+ program and within the framework of bilateral agreements with other universities and organisations abroad (both within and beyond Europe). Information on the individual exchange offers, mediated by CTU or the faculty, is published on the websites of both.

studujvesvete.cvut.cz/en/
www.fa.cvut.cz/en/study/general/international-students

The selection of participants is by committee and on the basis of pre-set criteria (study results, portfolio quality, motivation and benefit, knowledge of relevant language; German in German-speaking states, French in French speaking, etc., English in most of the others including the Scandinavian countries).

FA coordinator of mobility:

Bc. Jarmila Vokounová

5. Physical Education at the FA

Physical education and sport at the Faculty of Architecture is overseen by the CTU Institute of Physical Education and Sport (IPES), located at the CTU Sports Centre, Pod Juliskou 4, Prague 6.

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doc. PaedDr. Jiří Drnek, CSc.
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Physical education is voluntary throughout one's studies. During each semester all students may repeatedly register for voluntary physical education |codes TVV; TVV0|. The range of voluntary physical education expands during the winter semester with a winter exercise course |code TVKZV| and, in the summer semester with a summer exercise course |code TVKLV|. Students need to enter codes for physical education into the KOS component. Attention – the subject is registered under the CTU IPES Sport, not our faculty. Students sign up to voluntary physical education classes according to theie interest and time options.

All information on physical education, sports courses and sports activities at CTU, along with registration forms for specific classes or courses, can be found at the website of the CTU IPES: *www.utvs.cvut.cz*

6. Libraries

The CTU Central Library is accessible inside the building of the National Library of Technology (NTK).

REFERENCE INHOUSE LIBRARY OF DEPARTMENTS 15113 AND 15114

www.fa.cvut.cz/en/faculty/organisational-structure/departments/38-library-of-departments-15113-15114-rcih

head of library:

Mgr. Jan Calta
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open hours:

Monday: 13:00–18:30
Tuesday–Thursday: 10:00–11:30; 13:00–18:30
Friday: 9:00–11:30

July, August: Monday–Thursday: 9:00–11:30
September: Monday–Thursday: 9:00–11:30; 13:00–15:30

The traditional reference library of the Department of Theory and History of Architecture and the Department of Architectural Conservation is specialised in literature on the history of architecture and art, social sciences, issues of architectural conservation, landscape and settlement. It is primarily built on the libraries of the precursors of the relevant FA departments (originally founded by Prof. Josef Zítek and considerably expanded by Prof. Oldřich Stefan). The collection is regularly and systematically updated in line with the teaching conception of departments 15113 and 15114. The library contains a number of noteworthy and very rare titles, including unique volumes of the work of the architect Viollet-le-Duc.

At present, the library offers leading domestic and international specialist periodicals, as well as a whole range of new publications with contemporary and historical themes and documentary films about architecture. It is a reference only library. Information about the contents of the library and new acquisitions is regularly updated on the faculty's website.

II.

Information about the Departments

DEPARTMENT OF FINE ARTS (15111)

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MgA. Jan Fabián
Ing. arch. BcA. Jiří Kárník
MgA. Zorka Krejčí
Mgr. MgA. Radek Macke
MgA. Tereza Melenová
Ing. arch. Magdalena Koubek Michaličková
akad. mal. Gabriela Nováková
MgA. Lenka Stejskalová Skoumalová, DiS.

1. DEPARTMENT FOCUS:

The department focuses on both practical and theoretical education of students in the field of fine arts, including drawing, modelling, graphic design, figure and sketching. The department provides tuition for the following programs: Architecture and Urbanism, Design and Landscape Architecture. Instruction in every program is different and is based on the requirements of the individual programs. The department organizes a drawing subject for lifelong learning programs, a figure drawing subject and preparatory drawing subjects for entrance examinations. The department is also heavily involved in the entrance exams, organising the talent section. The focus is on individual instruction and development of each student's talent rather than on predetermined limits on what things should look like.

2. STUDIO:

The department does not organize studio education.

3. DOCTORAL DEGREE:

The department does not organize a doctoral degree.

4. RESEARCH:

The department does not organize research.

5. SUBJECTS AND LIFELONG LEARNING:

The department organizes fine arts subjects for students of the Faculty of Architecture, CTU students and for the public as well as subjects of the University of the Third Age in Czech and in English. See the website.

DEPARTMENT OF THEORY AND HISTORY OF ARCHITECTURE (15113)

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head:

prof. Ing. arch. Petr Vorlík, Ph.D.
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deputy head:

prof. PhDr. Pavel Kalina, CSc.

administration:

Lenka Čepelková
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teachers and researchers:

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prof. Ing. arch. Matúš Dulla, DrSc.
Mgr. Hubert Guzik, Ph.D.
Mgr. Vladan Klement, Ph.D.
PhDr. Miroslav Pavel, Ph.D.
doc. Ing. Michael Rykl, Ph.D. (also 15114)
Mgr. Martina Sedláková, M.A., Ph.D.
prof. Ing. arch. Vladimír Šlapeta, DrSc.
doc. PhDr. Jana Tichá, Ph.D. (also 15120)

industrial Heritage Research Center:

PhDr. Benjamin Fragner (head)
Mgr. Lukáš Beran, Ph.D.
Mgr. Jan Zikmund, Ph.D.

librarian:

Mgr. Jan Calta (also 15114)

1. DEPARTMENT FOCUS:

The department specialises in research and learning of the history and theory of architecture and arts, including applied arts and design, as well as humanities that are linked to architecture: philosophy, cultural studies, aesthetics, psychology and sociology. The basic series of lectures provides a chronological overview - of the history of architecture and arts. As part of this series, teachers at the department also present the results of their research. Seminars introduce students to the history of architecture, while excursions to unique monuments both inside Prague and outside Prague provide a firsthand understanding of the historical building stock. An artistic historical view of architectural treasures of the past and of their builders is presented to students, together with the equally fascinating architectural-construction context of the creation of buildings for everyday life of the contemporaries. Attention is also given to industrial architectural heritage, post-war architecture and the history of technology. Emphasis is also placed on the theory, the concepts of thinking and criticism of the contemporary architecture. Assignments completed by students at the end of each semester allow them to further develop their studio assignments.

The department runs a thematic gallery, a library and it also includes a Research center for industrial heritage, which is devoted to research, rescue and new use of industrial buildings and premises. The teachers of the institute are the authors of a number of monographs and encyclopedias on the history of Czech (Czechoslovak) architecture and on important architects.

2. STUDIO:

The department does not organize studio education.

3. DOCTORAL DEGREE:

The department participates extensively in the teaching of doctoral students and in the main lectures of doctoral studies. The topics of doctoral study are related to the scientific and research focus of the department and focus on the historical architecture of large architectural styles in Bohemia and Moravia, on architectural-historical surveys and on the formation of historical architecture by the requirements of everyday life. Special attention is paid to topics related to industrial, postwar and contemporary architecture.

4. RESEARCH:

Scientific activities at the department focus on unexplored fields in the history and theory of architecture in the Czech lands, on its peak eras, on unknown aspects of its iconic works, on the synthetic knowledge of the building types of individual regions, on the history of architecture from the

perspective of everyday life and on the background of technological progress, the architecture of late modernism, industrial heritage and on the history of construction in rural areas and the history of the cultural landscape.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department in English.

DEPARTMENT OF ARCHITECTURAL CONSERVATION (15114)

a: Thákurova 9, Praha 6; t: + 420 224 356351; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/138-department-of-architectural-conservation

head:
prof. Ing. arch. akad. arch. Václav Girsa
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deputy head:
doc. Ing. arch. Milena Hauserová, CSc. (also 15113)

administration:
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teachers and researchers:
Ing. arch. Martin Čtverák
PhDr. Martin Ebel, Ph.D.
Ing. arch. Tomáš Efler
Ing. arch. Jan Pešta
doc. Ing. Michael Rykl, Ph.D. (also 15113)

external employees:
Ing. arch. Václav Fanta
Ing. Dagmar Michoinová, Ph.D.
Ing. arch. Barbora Schmidová
Ing. arch. Martin Stočes
doc. PhDr. Josef Štulc
Ing. arch. Jitka Tomiczková
Ing. arch. Tomáš Tomsa

librarian:
Mgr. Jan Calta (also 15113)

1. DEPARTMENT FOCUS:

The department provides tuition in the field of architectural conservation both as a theoretical discipline and as a set of practical activities aimed at the exploration, protection, restoration and presentation of monuments.
The applied dimension of the discipline is focused on monuments, urbanistic formations and the cultural landscape. Emphasis is placed on their refined renovation and the sensitive incorporation of contemporary architecture into

the historical environment. The instruction, which aims to educate architects so that they will treat historical buildings in a professional, cultivated and responsible manner, develops along these basic lines.

2. STUDIO:

STUDIO Girsa – Architectural Conservation Heritage

head: prof. Ing. arch. Akad. arch. Václav Girsa
assistant: Ing. arch. Martin Čtverák; Ing. arch. Tomáš Efler

STUDIO Efler – Vernacular Architecture Heritage

head: Ing. arch. Tomáš Efler

assistant: Ing. arch. Martin Stočes; Ing. arch. Tomáš Tomsa

3. DOCTORAL DEGREE:

The specialised doctoral program, covering topics in the field of heritage protection (together with the Department 15113) - History of Architecture and Monument Care (3501V004).

4. RESEARCH:

The main research areas cultivated at the department include primarily historical analytical methods in the research of the built-up environment and landscape, the question of approaches to conservation assessment of buildings and the application of its results in architectural conservation.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

DEPARTMENT OF INTERIOR DESIGN (15115)

a: Thákurova 9, Praha 6; t: +420 224 356 269; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/137-department-of-interior-design

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administration:
Ivana Dubná
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teachers and researchers:
Ing. arch. MgA. Lenka Bednářová, Ph.D.
Ing. arch. Patrik Tichý
Ing. arch. Jan Tůma, Ph.D.

external employees:
Ing. arch. BcA. Veronika Kastlová, Ph.D.
akad. arch. Marek Teska

1. DEPARTMENT FOCUS:

The Department of Interior Design – concentrates on two basic directions:

INTERIOR – the focus is primarily on the craftsmanship foundation of the expressive means of the architect's profession. The final form that creates the utility value of the work directly affecting the user through the quality of the materials and their use, the choice of fixtures, colours, light and acoustic comfort. Only after the basic craft is mastered, can other levels of architectural work be built upon it.

EXHIBITION DESIGN – the focus is primarily on the formation of space, where the building program is not defined by just square metres and typological functions, but also by the script and the libretto. The architect's profession overlaps with teamwork, where other social sciences, such as dramaturgy and cultural studies, also have their say. Through presentation in media, theatre, film and television scenography, it affects aesthetic perception of society at large as well as the form of all its cultural rituals. In turn, this is then reflected in the demands placed on contemporary architecture.

2. STUDIO:

STUDIO Soukenka

head: prof. akad. arch. Vladimír Soukenka
assistant: Ing. arch. Patrik Tichý; Ing. arch. Jan Tůma, Ph.D.

3. DOCTORAL DEGREE:

The topics of doctoral studies are based on the research and development of the department.

4. RESEARCH:

The basic theme of the department's scientific activity is the increasingly intense blending of social rituals with the public space in the contemporary society of spectacle. In search of inspirational sources for architecture in the current perception of the media, the department co-develops, together with FEL CTU and the Academy of Performing Arts, a new teaching environment – the Institute of Intermedia.

The department participates in a grant within the operational program science, research, education at the Dialogue of Science and Art, which is part of the Center for Advanced Applied Natural Sciences (CAAS) 2019 – 2023 together with FJFI under the number CZ.02.1./0.0./0.0./ 16_019/0000778 CAAS co-financed by the European Union.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

DEPARTMENT OF ARCHITECTURAL MODELLING – MOLAB (15116)

a: Thákurova 9, Praha 6; t: + 420 224 356 206; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/135-department-of-architectural-modelling; www.molab.eu; e: molab@fa.cvut.cz

head:

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administration:

Květa Dvořáková
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teachers and researchers:

prof. Dr.-ir. Henri H. Achten, Ph.D.
Ing. arch. Martin Bukovský
doc. Ing. arch. Miloš Florián, Ph.D.
Ing. arch. Lucie Mizerová
Ing. arch. Petr Irinkov
Ing. arch. Lukáš Kurilla, Ph.D.
MgA. Martin Odehnal
Ing. arch. Jiří Pavlíček, MA.,Ph.D.
Ing. arch. Šimon Prokop
Ing. Jiří Skácilík, Ph.D.
Ing. arch. Kateřina Sýsová Ph.D.
Ing. arch. Jiří Vele
Ing. Ivana Vinšová

external employees:

Ing. Michal Jirát
Ing. arch. Jan Malec
Ing. arch. Dušan Marcinko
Adam Preisler
RNDr. Jiří Šrubař, Ph.D.
Dušan Uruba, DiS.

1. DEPARTMENT FOCUS:

The Department of Architectural Modelling – MOLAB – is an experimental workplace where much attention is given to new design technologies that dominate contemporary architectural design practice. MOLAB provides

basic training in CAD (Computer Aided Design), computer graphics and advanced CAAD (Computer Aided Architectural Design). MOLAB operates a research centre focusing on CAAD research and development. The PET-MAT research group, a constituent part of MOLAB, examines the use of PET material in architecture and construction. The PET-MAT group participates in exhibitions in the Czech Republic and abroad. Its installations are prepared in collaboration with CTU students, as well as with high-school students. The MOLAB laboratory is equipped with 3D printers, a virtual reality system and incorporates also the Digital Sketching Center – CoLabSketch. Since 2019, students of the A+U master's degree can enroll in the digital computing module. It offers comprehensive knowledge in the field of digitization of the design process and design activities, preparation and implementation of constructions. The module provides students with a more detailed introduction to the common practice of advanced design outside our country. Other presentations include student work at out-of-class exhibitions. Since 2021, MOLAB has joined the international EuroTeQ project. *international.cvut.cz/euroteq/*
On the initiative of Kateřina Sýsová Nováková, the interdisciplinary competition „Reborn Design" – a design competition for university students was created. Give recycled materials a higher added value and turn them into useful design products Reborn Design connects creativity, innovation, practical education and the principle of sustainability. *www.reborndesign.cz/*

The MOLAB team, including prof. Dr.-ir. Henri Achten, Ph.D. (board member of the renowned European eCAADe association / Education and research in computeraided architectural design in Europe), provides tudents in bachelor's, master's and doctoral study programs with practical and theoretical knowledge from this field.

2. STUDIO:

STUDIO Achten-Pavlíček-Nováková

head: prof. Dr.-ir. Henri Achten, Ph.D.
assistant: Ing. arch. Jiří Pavlíček, MA, Ph.D.
Ing. arch. Kateřina Sýsová, Ph.D.

STUDIO Florián (FLOW):

head: doc. Ing. arch. Miloš Florián, Ph.D.
assistant: Ing. arch. Lukáš Kurilla, Ph.D.
more information at: studioflorian.com

3. DOCTORAL DEGREE:

Doctoral studies in the department put students in touch with state-of-the-art research worldwide in the field of architecture and design computing. Students benefit from our contacts with the most prestigious researchers and schools in Europe and around the world.

4. RESEARCH:

The department carries out research in the field of application of computer simulations inspired by natural processes, which represent the transition from static to adaptable structures. Research focuses on integrated tools for generative design, innovative construction systems, wood and glass as construction materials, smart materials, automation, robotisation and 3D printing (studioflorian.com). The aim is an optimised architecture that is characterised by material savings, production and construction of environmentally sustainable buildings. Teachers and doctoral students present their results at internationally recognised conferences – at eCAADe (EU) on a regular basis and occasionally also, on a more limited basis due to higher financial demands, at CAADRIA (Asia), ACADIA (North America). These conferences of outstanding scientific quality are included in the Clarivate Conference Proceedings Citation Index, also known as Web of Science. Architectural work of some teachers and the presentation of students' works at exhibitions outside of the FA are also part of the department's artistic activities.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

DEPARTMENT OF BUILDING THEORY (15118)

a: Thákurova 9, Praha 6; t: +420 224 356 484; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/30-department-of-building-theory

head:

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deputy head:

prof. Ing. arch. Irena Šestáková

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teachers and researchers:

MgA. Kamila Amblerová
Ing. arch. David Belko, Ph.D.
MgA. Ondřej Císler, Ph.D..
Ing. arch. Ondřej Dvořák, Ph.D.
Ing. arch. Jaromír Hainc, Ph.D.
doc. Ing. arch. Petr Hlaváček
Ing. arch. Michal Juha
Ing. arch. Jan Kazimour
prof. Ing. arch. Roman Koucký
Ing. arch. Jana Kubcová, Ph.D.
Ing. arch. Edita Lisecová
doc. Ing. arch. Pavla Melková, Ph.D.
doc. Ing. arch. Václav Mudra
doc. Ing. arch. Boris Redčenkov
Ing. arch. Martin Rössler
Ing. arch. BcA. Oldřich Sládek
doc. Ing. arch. Zbyšek Stýblo
doc. Ing. arch. David Tichý, Ph.D.
Ing. arch. Ondřej Tuček

scientific research employees:

Mgr. Lucia Dobrucká, Ph.D.
Ing. arch. Filip Tittl

external employees:

Ing. arch. Marek Blank
Ing. arch. Vítězslav Danda
doc. Ing. arch. Karel Fořtl, CSc.
Ing. arch. Veronika Hanzlíková
Ing. arch. Petra Hlaváčková
Ing. arch. Karolína Kripnerová, Ph.D.
prof. Ing. arch. Arnošt Navrátil, CSc.
Ing. arch. Miroslav Pazdera
Petr Urbánek

1. DEPARTMENT FOCUS:

The department's work consists of pedagogical and research activities in the field of building theory and typology. TYPE is a basic element of the built environment: the most effective and comprehensible answer to a common task and situation. At the same time, it must be understood that every assignment and every place in space and time have their potential for a certain amount of that which is atypical, which informs the user about the unique circumstances of the structure's creation. TWhat is confusing are the extremes: depressing monotony as well as chaotic exuberance. The aim is to learn, through the knowledge of the patterns of composition and development of TYPICAL and ATYPICAL, to design effective, stimulating, and at the same time legible built-up environment that is also stable in the long term.

2. STUDIO:

STUDIO Císler

head: MgA. Ondřej Císler, Ph.D.
assistant: Ing. arch. Miroslav Pazdera

STUDIO Juha

head: Ing. arch. Michal Juha
assistant: Ing. arch. David Belko, Ph.D., prof. Ing. arch. Arnošt Navrátil, CSc.; Ing. arch. Ondřej Tuček

STUDIO Kohout-Tichý

head: prof. Ing. arch. Michal Kohout
assistant: doc. Ing. arch. David Tichý, Ph.D.

STUDIO Koucký (1+XX)

head: prof. Ing. arch. Roman Koucký
assistant: Ing. arch. Edita Lisecová

STUDIO Redčenkov-Danda

head: doc. Ing. arch. Boris Redčenkov
assistant: Ing. arch. Vítězslav Danda

STUDIO Šestáková-Dvořák

head: prof. Ing. arch. Irena Šestáková
assistant: Ing. arch. Ondřej Dvořák, Ph.D.

3. DOCTORAL DEGREE:

The doctoral program evolves around department's main scientific and research focus: systematisation of the built environment at different scale levels and the life-cycle stages of buildings. At the same time it also supports the publishing and dissemination activities of the department.

4. RESEARCH:

Whereas the department's scientific and research activities approach the built environment and its inherent processes in a more analytical and systematic way, in the design studios the creative, synthesising approach prevails. However, there always needs to be an effort to find a balance: the final product, be it a building, public space, building policy, standard, regulation, or a design process has to contribute to the efficiency, long term stability, as well as readability and grace of the overall environment.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

DEPARTMENT OF URBAN DESIGN (15119)

a: Thákurova 9, Praha 6; t: +420 224 356 326; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/31-department-of-urban-design

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administration:

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teachers and researchers:

PhDr. Ing. arch. Lenka Burgerová, Ph.D.
doc. Ing. arch. Irena Fialová
Ing. et Ing. Lenka Chlanová
doc. Ing. arch. akad. arch. Jiří Klokočka
Ing. arch. Petra Kunarová
Ing. arch. Michal Kuzemenský
doc. Ing. arch. Ivan Plicka, CSc.
PhDr. JUDr. Jiří Plos
Ing. arch. Jan Sedlák
Ing. arch. Michal Škrna
Ing. arch. Jana Zdráhalová, Ph.D.
Ing. arch. Tomáš Zmek

external employees:

Tomáš Ctibor, CRE, FRICS

1. DEPARTMENT FOCUS:

Urban design and planning (the construction of towns and cities) must be understood as a robust architectural discipline that is linked to both architecture and spatial planning. Current topics of urban design and planning include: the way of life in cities and in the country, the formation and structuring of the public space as a construct, and the architect's expertise throughout the whole process of development, transformation and protection of towns and cities and their constituent parts. The educational concept at the Department of Urban Design uses the "process" method, i.e. it copies the process of acquainting oneself with a subject of interest along the lines of "**What is it? – Why is it? – What should it be like? – How do we get there?**". The department is the guarant of the state examination in Architecture and Urban Design in Czech and English language. For more details check the website of department 15119.

2. STUDIO:

STUDIO Klokočka

head: doc. Ing. arch. Akad. arch. Jiří Klokočka
assistant: Ing. arch. Jana Zdráhalová, Ph.D.

STUDIO Kuzemenský

head: Ing. arch. Michal Kuzemenský
assistant: Ing. arch. Petra Kunarová

STUDIO Plicka

head: doc. Ing. arch. Ivan Plicka, CSc.
assistant: Ing. arch. Michal Škrna

STUDIO Zmek

head: Ing. arch. Tomáš Zmek

3. DOCTORAL DEGREE:

The department strives for a close link between the work of Ph.D. students and ongoing instruction as well as further research and individual design, publication and consultancy activities of the members of the department. The Dokklub (Ph.D. Club) is maintained at the department, where all Ph.D. students meet regularly and share their experience.

4. RESEARCH:

The main research topics are:

- Tasks of contemporary urban design and planning (interpretation of the discipline, language and notions, understanding the processes, tendencies, results of globalization, sustainable cities, city and mobility in the 21st century)
- The relationship between the social and urban environment (the identity and perception of sustainable settlements, cognitive psychology and manners of perceiving, understanding and interpretation of a settlement and the inhabited landscape, the environment from the perspective of forms of behaviour…)
- Who builds a city (actors, roles and processes, development projects, municipal projects…)
- Typology of urbanistic and landscaping work (the development of forms and meanings, standards, regulations, legal environment…)
- Housing in the process of economic and social transformations (forms of rental accommodation, living in peri-urban and rural areas, social housing, new forms…)
- Public space in relation to its real uses (forms and meanings, the street front and the street corridor, shared and residential space, changes in

attendance…)

- Urban infrastructure (urban forms reflecting the reality and development of technological streams, integration in the public space, vegetation, system sustainability…)
- Regeneration and revitalisation of cities (panel housing estates, inner peripheries, initiation tools, value protection…)
- Planning and construction in rural areas (conditions and prerequisites for the formation of contemporary forms of settlement, transformations of the landscape, new typologies, suburbanisation, desuburbanisation, protection…)

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

DEPARTMENT OF LANDSCAPE ARCHITECTURE (15120)

a: Thákurova 9, Praha 6; t: +420 224 356 326, 224 356 313; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/215-department-of-landscape-architecture

head:

Ing. Vladimír Sitta
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administration:

Ing. Petra Zeibrlichová
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teachers and researchers:

Ing. Zuzana Bečvářová
Ing. Pavel Borusík, Ph.D.
Ing. arch Klára Concepcion
Ing. Aleš Dittert
Ing. Radmila Fingerová
Ing. arch. František Gattermayer
Ing. arch. Karin Grohmannová
Ing. Tereza Havránková
Ing. arch. Adéla Chmelová
Ing. et Mgr. Eva Janíková
Ing. arch. Laura Jablonská
Ing. Romana Michalková, Ph.D.
doc. Ing. arch. Ivan Plicka, CSc.
Dipl. Ing. Till Rehwaldt, BDLA
Mgr. Jan Richtr
doc. Ing. Klára Salzmann, Ph.D.
RNDr. PhDr. Markéta Šantrůčková, Ph.D.
Ing. arch. Hana Špalková
Ing. Jitka Trevisan

external employees:

Ing. Jakub Hepp
Mgr. Jan Richtr
Ing. Tomáš Sklenář
Ing. Markéta Svobodová

1. DEPARTMENT FOCUS:

The department increasingly focuses on innovative design practice in the natural and built environment as they intersect with process of urbanisation and present realities of changing climate. Landscape architecture today enjoys greater cultural relevance than ever before. In studio projects we explore multiple ways in which landscape architecture can positively respond to complexities of the contemporary city and how to more equitably distribute ecological and environmental resources. This means inevitably to challenge relevance of traditional disciplinary boundaries. At the same time, we maintain a strong design focus, true to the definition of discipline of landscape architecture as "the architecture without ceilings "the phrase coined by Luis Barragan. The department represents diverse aspects of profession. Students are introduced to various scales of landscape architecture. Students are encouraged to critically challenge and extend the field of landscape architecture. Our long term objective is to combine different professional fields and work in collaboration to develop solutions that would broaden cultural perspectives and offer ecological benefits to the whole society

Key activities happen in vertical design studios. Each of five studios have specific focus - from internationally focused with themes in other places that students don't know, to studios dealing with more familiar and specific local issues. Generally, we attempt to steer students away from mistakes and bad habits in architecture, planning, landscape design and infrastructure. Whilst the bachelor degree focuses on practical skills and mastering construction techniques, master degree students have a wider choice subjects according to their interests. They can choose from a variety of landscape related topics which can range from local to global and from practical to theoretical.

Practically all teaching staff at the department are practicing landscape architects or construction specialists. Till Rehwaldt and Vladimir Sitta work internationally with projects in more than twenty different countries. Their work is featured in many books and publications. Department is also involved in research. Currently PhD students are working on topics like interrelationship of city and landscape, green infrastructure etc.

2. STUDIO:

STUDIO Fingerová

head: Ing. Radmila Fingerová
assistant: Ing. arch. Karin Grohmannová

STUDIO Rehwaldt

head: Dipl. Ing. Till Rehwaldt, BDLA
assistant: Ing. arch. Klára Concepcion

STUDIO Salzmann

head: doc. Ing. Klára Salzmann, Ph.D.
assistant: Ing. Zuzana Bečvářová

STUDIO Sitta

head: Ing.Vladimír Sitta
assistant: Ing. arch. Adéla Chmelová

STUDIO Trevisan

head: Ing. Jitka Trevisan
assistant: Ing. Tomáš Sklenář

3. DOCTORAL DEGREE:

Research topics focus on public space and the impact of urbanisation on the environment

4. RESEARCH:

The department does not organize research.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning oraganized directly by the department.

DEPARTMENT OF SPATIAL PLANNING (15121)

a: Thákurova 9, Praha 6; t: +420 224 356 325; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/129-department-of-spatial-planning

head:

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deputy head:

prof. Ing. arch. Karel Maier, CSc
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administration:

Marie Lišková, DiS.
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teachers:

Mgr. Jiří Čtyroký, Ph.D.
Ing. Daniel Franke, Ph.D.
Ing. arch. Petr Klápště, Ph.D.
Ing. arch. Vít Řezáč
prof. Ing. Petr Sklenička, CSc.
Ing. arch. Veronika Šindlerová, Ph.D.
doc. Ing. arch. Jakub Vorel, Ph.D.
RNDr. Jan Vozáb, Ph.D.

research employees:

doc. Ing. Irena Benešová Ph.D.
Ing. arch. Votěch Myška

1. DEPARTMENT FOCUS:

The department focuses on pedagogical, scientific research, and practical activities in spatial planning defined as the management of changes in the physical and social environment. Its pedagogical activities aim at preparing architects for work in the field of spatial planning. It provides instruction of the master's degree Spatial Planning module.

The deparment provides architects with basic information in the field of spatial planning, geographic information systems, ecology, social ecology and the territorial development economy, which architects need in order to practice their profession. The core of the department's pedagogical work is master's and doctoral study programs. The majority of subjects are taught in both Czech and English.

2. STUDIO:

STUDIO Šindlerová

head: Ing. arch. Veronika Šindlerová, Ph.D.
assistant: prof. Ing. arch. Karel Maier, CSc.
doc. Ing. arch. Jakub Vorel, Ph.D.

3. DOCTORAL DEGREE:

The department leads doctoral students focused on urban planning and spatial planning. The topics covered concern the sustainable city, landscape and settlement, modeling of urban and regional development. In the theoretical preparation of Ph.D. students, the department provides teaching of the basics of scientific work, ecology, spatial planning theory, information technology and statistical methods for the development of the territory.

4. RESEARCH:

The department cooperates with other Czech and foreign workplaces in research on city systems, modelling of urban structures, management of sustainable development and participation of the general public in planning.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department in English.

DEPARTMENT OF LOAD-BEARING STRUCTURES (15122)

a: Thákurova 9, Praha 6; t: +420 224 356 296; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/128-department-of-load-bearing-structures

head:
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teachers and researchers:
RNDr. Stanislava Čečáková
RNDr. Vladimíra Hájková, Ph.D.
prof. Dr. Ing. Milan Holický, DrSc., Dr.h.c.
RNDr. Dana Kolářová
doc. Ing. Miroslav Sýkora, Ph.D.
RNDr. Jiří Šrubař, Ph.D.
Ing. Miroslav Vokáč, Ph.D.

external employees:
Ing. Tomáš Bittner, Ph.D.
Ing. Karel Jung, Ph.D.
Ing. Tomáš Juranka
Ing. Michaela Kostelecká, Ph.D.
Ing. Petr Sejkot, Ph.D.
Ing. Miloslav Smutek, Ph.D.
Ing. Markéta Vavrušková, Ph.D.
Ing. Marián Veverka, Ph.D.

1. DEPARTMENT FOCUS:

At the department, the following subjects are taught: Mathematics, Descriptive Geometry (including Geometry in CAD in Czech and BIM subjects), Statics (Structural Mechanics) and Load-bearing Structures both in Czech and English. The department provides tuition in structural design concepts in architectural projects in the complex studios.

The instruction of Load-bearing Structures is focused on students' acquisition of a comprehensive view of the physical behaviour of load-bearing structures both generally in structural concept and specifically for different structural materials. It further seeks to cultivate students' abilities to optimally choose structural systems, including their foundations.

2. STUDIO:

The department provides tuition in structural design concepts in architectural projects in the complex studios.

3. DOCTORAL DEGREE:

Specialised interdisciplinary tutorials (intersection between architecture and structural engineering) are offered both in Czech and English languages (supervisors doc. Ing. Karel Lorenz, CSc. and prof. Dr. Ing. Martin Pospíšil, Ph.D.). The department cooperates in doctoral studies with the Klokner Institute of the Czech Technical University in Prague and with the Centre d´Histoire des Sciences et des Techniques, Université Paris 1, Panthéon – Sorbonne, Paris, France.

4. RESEARCH:

Scientific and research activities at the department are focused on differential geometry, applied mathematics, and technical standards and applied research in the field of structural mechanics (masonry structures, steel structures, timber structures and historical structures). The department cooperates with the Klokner Institute of the Czech Technical University in Prague, the Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences and the National Heritage Institute.

5. SUBJECTS AND LIFELONG LEARNING:

The department provides subjects and lifelong learning in descriptive geometry and mathematics (within the teaching plan of Czech in the Faculty of Architecture) and in technical standards (within the educational system of the Czech Chamber of Engineers and Technicians).

DEPARTMENT OF BUILDING CONSTRUCTION I
(15123)

a: Thákurova 9, Praha 6; t: +420 224 356 297; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/126-department-of-building-construction-i

head:
Ing. Aleš Marek, Ph.D.
e: ales.marek@fa.cvut.cz

deputy head:
Ing. arch. Jan Hlavín, Ph.D.
e: hlavin@fa.cvut.cz

administration:
Ing. Tamara Vlasáková
e: vlasatam@fa.cvut.cz

teachers and researchers:
Ing. Jaroslava Babánková.
Ing. Pavel Meloun
Ing. arch. Tomáš Klanc
doc. Ing. Marek Novotný, Ph.D.
Ing. arch. Marek Pavlas, Ph.D.
Ing. Miloš Rehberger, Ph.D.
Ing. arch. Ondřej Vápeník
Ing. arch. Vít Wasserbauer

external employees:
doc. Ing. arch. Václav Aulický
doc. Ing. Vladimír Daňkovský
Ing. Vladimír Jirka, Ph.D.
Dr. Ing. Petr Jůn
Ing. Marcela Koukolová
doc. Zdeněk Kutnar, CSc.
Lucie Martínková
Ing. Aleš Mikule, Ph.D.
prof. Ing. Miloslav Pavlík, CSc.
Ing. Aleš Poděbrad
Ing. Bedřiška Vaňková

1. DEPARTMENT FOCUS:

The department's activities are focused on complex construction design of buildings, centred on teaching, research, consultancy, publication and project activities, and dissemination of technical information in the architectural and construction community. Attention is given to current and developmental trends in the field of loadbearing and completion structures, questions of sustainable building development, a comprehensive approach to building design - integrated design, issues of sustainable building development - sustainable design, problems of durability and reliability of structures, causes of building failures, issues of building renovation and the use of the BIM method in the project preparation of buildings.

2. STUDIO:

The department does not organize studio education but the department offers technical consultations, including BIM.

3. DOCTORAL DEGREE:

The department participates in doctoral studies in the field of architecture and civil engineering. Study is focused on the development of a general theory of structural design of buildings, (especially in the area of substructure), building envelope and roofs of all types. Doctoral theses deal with progressive construction systems, sustainable building development and building legislation.

4. RESEARCH:

Department employees participate in the development and research tasks in the field of behaviour analysis of structural elements in residential, civil and industrial buildings with regard to their structural and physical parameters, construction details and use of new materials and technology. The construction of the building envelope – composite structures, light envelopes, double and all-glass facades – is studied, with a focus on innovations of structural and material solutions and energy demands.

5. SUBJECTS AND LIFELONG LEARNING:

The department leads BIM training for practicing architects in cooperation with the Czech Chamber of Architects in Czech.

DEPARTMENT OF BUILDING CONSTRUCTION II
(15124)

a: Thákurova 9, Praha 6; t: +420 224 356 296; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/125-department-of-building-construction-ii

head:

doc. Ing. Daniela Bošová, Ph.D.
e: bosova@fa.cvut.cz

deputy head:

doc. Ing. Lenka Prokopová, Ph.D.
e: lenka.prokopova@fa.cvut.cz

administration:

Soňa Štolbová
e: sona.stolbova@fa.cvut.cz

teachers and researchers:

Technical equipment of buildings, technical infrastructure, Renewable Energy:

Ing. Petr Hrdlička
doc. Ing. Antonín Pokorný, CSc.
doc. Ing. Lenka Prokopová, Ph.D.
Ing. Kateřina Šilerová Křížová
Ing. arch. Pavla Vrbová
Ing. Zuzana Vyoralová, Ph.D.
Ing. Jan Žemlička

Building Physics:

doc. Ing. Daniela Bošová, Ph.D.
doc. Ing. Lenka Prokopová, Ph.D.
Ing. Dagmar Richtrová

Implementation and Construction Management:

Ing. Michaela Kostelecká, Ph.D.
Ing. Radka Pernicová, Ph.D.
Ing. Milan Rydval, Ph.D.
Ing. Veronika Sojková, Ph.D.
Ing. Václav Tatýrek, Ph.D.
Ing. Milada Votrubová, CSc.

Economics and Management:

doc. Ing. Dana Měšťanová, CSc.
Ing. Zbyněk Škoda
Ing. Václav Tatýrek, Ph.D.

Building Law:

PhDr. JUDr. Jiří Plos (also 15119)
prof. Dr. Ing. Martin Pospíšil, Ph.D. (also 15122)
Ing. Petr Serafín

BIM:

Ing. Kateřina Šilerová Křížová
Ing. Zbyněk Škoda

Technical employee:

Soňa Štolbová

1. DEPARTMENT FOCUS:

The aim of teaching technical subjects at the department is to educate students in order to be capable of creating architectural designs at a satisfactory technical level not requiring major corrections. All pedagogical, specialised and scientific activities of department employees are organized so that they can meet the pre-defined criteria in the pedagogical process:

- To equip students with the necessary theoretical basis and adequate level of basic technical knowledge from various technical fields that are related to architectural and urban design.
- To teach students to the maximum extent how to use this knowledge in architectural and urban design studios.
- To systematically lead students to understand the need for teamwork and to instill the ability to manage collaboration and coordination between architects, creators of a construction work, experts of all professions involved in designing and realising the construction, its operation and use.

2. STUDIO:

The department does not organize studio education.

3. DOCTORAL DEGREE:

The department provides education in the doctoral study program Architecture and Urbanism, in the field of study Architecture, Construction Engineering and Technology.

4. RESEARCH:

Members of the department carry out scientific, research, publication, consultancy and project activities and participate in the creation of EN and CSN standards.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

CABINET OF LANGUAGES (15126)

a: Thákurova 9, Praha 6; t: +420 224 356 231, 733 690 642;
w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/120-cabinet-of-languages

head:

PhDr. Kateřina Valentová
e: katerina.valentova@fa.cvut.cz

teachers and researchers:

Mgr. Magdaléna Waageová

external employees:

Bc. Brian Hodgman
Mgr. Ing. Zuzana Krýzlová
Mark Wiedorn, M.B.A.

1. DEPARTMENT FOCUS:

The department teaches English, French and German languages. In the master degree programme, the subject Professional Language III is taught. The subject names Professional Language I, II and III do not refer to the degrees of language proficiency, but rather to the specific thematic focus of the subjects. Students are expected to have an intermediate level of language skills, which can be acquired and enhanced in preparatory subjects organized by the department as part of lifelong education subjects.

2. STUDIO:

The department does not organize studio education.

3. DOCTORAL DEGREE:

The department does not organize a doctoral degree.

4. RESEARCH:

In addition to pedagogical activities, the department members work on linguistic themes related to professional and academic writing, didactics and methodology

5. SUBJECTS AND LIFELONG LEARNING:

Besides the academic subjects within the accredited study plan the Cabinet of Languages organizes subjects of Czech, English, German and French at various levels within the program of Lifelong Education. Further subjects of Czech language can be found on the CTU (ČVUT) website under the item of Lifelong Education.

DEPARTMENT OF ARCHITECTURAL DESIGN I
(15127)

a: Thákurova 9, Praha 6; t: +420 224 356 373; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/119-department-of-architectural-design-i

head:

prof. Ing. arch. Ján Stempel
e: jan.stempel@fa.cvut.cz

deputy head:

doc. Ing. arch. Jan Jakub Tesař, Ph.D.
e: jan.jakub.tesar@cvut.cz

administration:

Daniela Čajová
e: daniela.cajova@fa.cvut.cz

teachers and researchers:

Ing. arch. Daria Balejová Bártová
Ing. arch. Matěj Barla
doc. Ing. arch. Ondřej Beneš, Ph.D.
Ing. arch. Martina Buřičová
doc. Ing. arch. Miroslav Cikán
Ing. arch. Vojtěch Ertl
Ing. arch. Karel Filsak
MgA. Jakub Herza
doc. Ing. arch. Tomáš Hradečný
Ing. arch. Klára Hradečná
Ing. arch. Ondřej Králík
Ing. arch. Jan Mackovič
Ing. arch. Michaela Mrázová
Ing. arch. Petr Pištěk
Ing. arch. Šárka Sodomková
Ing. arch. Vojtěch Sosna
doc. Ing. arch. Jan Jakub Tesař, Ph.D.
doc. ing. arch. Pavel Ullmann

1. DEPARTMENT FOCUS:

The department teaches all subjects of studio design offered in the study plan of the master's study program at CTU FA. The teachers at the department are working on extending their participation in lectures within the framework of their own series of lectures. The department also provides instruction for foreign students in English and in cooperates with foreign universities. The team consists of renowned Czech architects known for their projects and work in the Czech Republic and abroad. Naturally, all members of the department work as practicing architects and their professional expertise is reflected in their pedagogical practice. Last but not least, members of the department are also publicly active in the Czech Chamber of Architects.

2. STUDIO:

STUDIO Cikán

head: doc. Ing. arch. Miroslav Cikán
assistant: Ing. arch. Vojtěch Ertl

STUDIO Hradečný

head: doc. Ing. arch. Tomáš Hradečný
assistant: Ing. arch. Klára Hradečná

STUDIO Sosna-Filsak

head: Ing. arch. Vojtěch Sosna
assistant: Ing. arch. Karel Filsak

STUDIO Stempel-Beneš

head: prof. Ing. arch. Ján Stempel
assistant: doc. Ing. arch. Ondřej Beneš, Ph.D.

STUDIO Tesař

head: doc. Ing. arch. Jan Jakub Tesař, Ph.D.
assistant: Ing. arch. Matěj Barla

3. DOCTORAL DEGREE:

Instructors are involved in the implementation of doctoral study programs. This takes place with individual tutors of the department according to valid assigned topics.

4. RESEARCH:

The department focuses on issues concerning individual housing, which is also the topic of dissertations of several doctoral students. Teachers present their work in publications, professional journals and lectures in the Czech Republic and abroad.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organzied directly by the department.

DEPARTMENT OF ARCHITECTURAL DESIGN II
(15128)

a: Thákurova 9, Praha 6; t: +420 224 356 242; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/118-department-of-architectural-design-ii

head:

doc. Ing. arch. Dalibor Hlaváček, Ph.D.
e: dhlavacek@fa.cvut.cz

deputy head:

Ing. arch. Martin Čeněk, Ph.D.
e: martin.cenek@fa.cvut.cz

administration and public relations:

Olga Mlýnková
e: olga.mlynkova@fa.cvut.cz
Ing. arch. Kateřina Rottová, Ph.D.
e: katerina.rottova@fa.cvut.cz
Kristýna Sedlaříková MA
e: kristyna.sedlarikova@fa.cvut.cz

teachers and researchers:

Ing. arch. Martin Čeněk, Ph.D.
Ing. arch. Tomáš Durdis, Ph.D.
Ing. arch. Lucie Kirovová, Ph.D.
Ing. arch. Lukáš Kohout
doc. Ing. arch. Petr Kordovský
doc. Ing. arch. akad. arch. Lukáš Liesler
Ing. arch. Josef Mádr
Ing. arch. Jiří Poláček
Ing. arch. Kateřina Rottová, Ph.D.
prof. Ing. arch. Hana Seho
doc. Ing. arch. Eduard Schleger
Dipl. Ing. Claudia Schmidt
Ing. arch. Anna Sigmundová, Ph.D.
Ing. arch. Jan Stibral
Ing. arch. Štěpán Tomš
Ing. arch. Štěpán Valouch
Ing. arch. Ladislav Vrbata
prof. Ing. arch. ir. Zdeněk Zavřel, dr. h. c.

scientific and research employee:

Ing. arch. Tereza Čechová

external employees:

Ing. arch. Ing. František Denk, Ph.D.
doc. Ing. Vladimír Kočí, Ph.D., MBA
Ing. Richard Železný, MSc., Ph.D.
Ing. Jan Žemlička, Ph.D.

1. DEPARTMENT FOCUS:

Architecture is a great adventure for us, we are looking for answers to questions based on current reality. We believe that this requires not only knowledge of the past but also an open spirit that does not avoid the uncertainties and challenges of the future. We are specifically interested in the issue of sustainable development in architecture in various forms and scales.

Teaching takes place in five vertical studios. We consider it essential that teaching is provided by practicing architects, prominent personalities who enrich their pedagogical activities with experience in the field. In addition to traditional studio teaching, our department specialises in so-called design-build projects, i.e. projects where students have the opportunity to complete their designs to the realisation. The ability to build their design allows students to understand much of the theoretical knowledge taught in studios and technical subjects, while students also have to learn to work in teams and collaborate with other disciplines.

2. STUDIO:

STUDIO Hlaváček – Čeněk

head: doc. Ing. arch. Dalibor Hlaváček, Ph.D.
assistant: Ing. arch. Martin Čeněk, Ph.D.

STUDIO Kordovský

head: doc. Ing. arch. Petr Kordovský
assistant: Ing. arch. Ladislav Vrbata

STUDIO Mádr

head: Ing. arch. Josef Mádr
assistant: Ing. arch. Štěpán Tomš

STUDIO Seho

head: prof. Ing. arch. Hana Seho
assistant: Ing. arch. Jiří Poláček

STUDIO Valouch

head: Ing. arch. Štěpán Valouch
assistant: Ing. arch. Jan Stibral

3. DOCTORAL DEGREE:

The topics of dissertation work are closely related to the department profile and its scientific and research activities. At the same time, Ph.D. students of the department significantly contribute to its publishing and teaching activities.

4. RESEARCH:

Research activities of the department focus on three thematic areas:

- Sustainable architecture
- Architecture and typology
- Architectural discipline and its tools

The department has been involved in various research projects in the long term; members of the department are part of the Excellent Interdisciplinary Team at the Centre for Advanced Photovoltaics supported by the European Structural Funds, in which faculties across CTU cooperate.

Under the guidance of academics and Ph.D. students of the department, the project of the energy self-sufficient house AIR House was created for the international competition Solar Decathlon. The success in the competition was followed up by further activities using the learning-by-doing method. Examples are the summer workshops of the Studio Mádr (Plzeň, Mnichovo Hradiště, Prague 6), the summer school of building of the Studio Seho or the department-wide workshops (stairs, footbridges and shelters for KRNAP). This activity brings the department the appreciation of the professional community. In the Architects' Grand Prix - National Award for Architecture 2020 competition, the Hlaváček–Čeněk studio received an honorable mention (the footbridge over the Hluboká strouha, the flagpole with a view in Libčice nad Vltavou and the Kømen shelter at the Balvan Waterfall). The shelter was also nominated for the Czech Architecture Award 2020.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

DEPARTMENT OF ARCHITECTURAL DESIGN III
(15129)

a: Thákurova 9, Praha 6; t: +420 224 356 373; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/117-department-of-architectural-design-iii

head:
prof. Ing. arch. Ladislav Lábus, Hon. FAIA
e: labus@fa.cvut.cz

deputy head:
doc. Ing. Michaela Brožová, aut. arch.
e: michaela.brozova@fa.cvut.cz

administration:
Daniela Čajová
e: daniela.cajova@fa.cvut.cz

teachers:
MgA. Josef Čančík
prof. Ing. Mgr. akad. arch. Petr Hájek
Ing. arch. Marek Chalupa
Ing. arch. Barbora Féret
prof. Ing. arch. Zdeněk Fránek
Ing. arch. Ivan Hnízdil
Ing. arch. Kamila Holubcová
Ing. arch. Jaroslav Hulín
Ing. arch. Jiří Hůrka
Ing. arch. Barbora Kopečná
prof. Ing. arch. Vladimír Krátký
Dipl. arch. Luis Marques
Ing. arch. Zuzana Retterová
Ing. arch. Jan Sedlák
doc. Ing. arch. Petr Suske, CSc.
akad. arch. Michal Šrámek
Ing. arch. Marek Tichý

external employees:
Ing. arch. Kamila Holubcová

1. DEPARTMENT FOCUS:

The department teaches all subjects of studio work offered in the study plan of the bachelor's and master's study programs at the FA. Teachers at the department also participate in doctoral study programs. The department's focus on teaching studio subjects affects the composition of the teaching staff, composed of prominent figures in the field of architecture and urbanism. The department's profile is defined primarily by the individual characteristics and professional specialisation of its individual teachers. The department's various studios specialise in a wide range of diverse fields of architecture and urbanism, as well as multiple ideological and formal approaches to creativity at the level of both concept and the design. As a recent addition, the department also focuses on the short-term engagement of visiting professors, leading Czech and foreign architects, as heads of studios (in 2018/19 Vasa J. Perović, 2019/20 Mirko Baum).

2. STUDIO:

STUDIO Hájek

head: prof. Ing. Mgr. akad. arch. Petr Hájek
assistant: Ing. arch. Jaroslav Hulín

STUDIO Chalupa

head: Ing. arch. Marek Chalupa
assistant: Ing. arch. Kamila Holubcová

STUDIO Krátký

head: prof. Ing. arch. Vladimír Krátký
assistant: dipl. arch. Luis Marques

STUDIO Fránek

head: prof. Ing. arch. Zdeněk Fránek
assistant: MgA. Josef Čančík

STUDIO Lábus

head: prof. Ing. arch. Ladislav Lábus, Hon. FAIA
assistant: akad. arch. Michal Šrámek

STUDIO Sedlák

head: Ing. arch. Jan Sedlák
assistant: Ing. arch. Ivan Hnízdil

STUDIO Suske

head: doc. Ing. arch. Petr Suske, CSc.
assistant: Ing. arch. Marek Tichý

3. DOCTORAL DEGREE:

Department instructors also participate in the subject of doctoral study programs. The focus of doctoral study programs reflects socially, artistic and technically topical issues as well as the profiles and areas of interest of their supervisors - teachers of the department acting as supervisors.

4. RESEARCH:

Research activities carried out at the department focus on housing, education and other topics:

- The living environment and housing – searching for contemporary forms. Communication versus barriers in architecture – social housing, housing for senior citizens, sheltered housing. New directions and forms of peri-urban housing.
- The role of the urbanistic vision of an "ideal plan" in the construction of cities. Urban space – transformations and the search for identity. The city block from the perspective of its creation and urbanistic composition.
- Libraries in the information age – the search for the current form of the library in the digital age as an environment creating bio-psycho-social balance while maintaining optimal design parameters.
- Flexible architecture – the topic studies current dynamic and flexible tendencies, which not only contribute to the regeneration and increased density of the urban environment, but also to the effective functioning of individual buildings. The relationship between ecology and architecture. Application of holistically understood principles of ecological architecture to urban architecture, peri-urban areas, cities in general and the landscape.
- Basics of architectural design – a topic focused on the pedagogical process and its needs at the beginning of study.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

INDEPENDENT STUDIOS (15140)

a: Thákurova 9, Praha 6; t: +420 224 356 421;
w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/217-indipendent-studios

head:
doc. Ing. arch. Dalibor Hlaváček, Ph.D.
e: dhlavacek@fa.cvut.cz

administration:
Mgr. Andrea Vondráková
e: andrea.vondrakova@fa.cvut.cz; t: +420 224 356 421

teachers:
Javier Arpa Fernández
Šimon Knettig
Lex te Loo
prof. Winy Maas
Adrien Ravon

1. DEPARTMENT FOCUS:

The Visiting Professor Institute aims to attract internationally renowned personalities to the Faculty of Architecture of CTU to contribute with the most up-to-date topics and innovative teaching and research methods. The visiting professor's activities include lectures, public debates, exhibitions or publications. A visiting professor usually works at the FA for one year.

2. STUDIO:

STUDIO visiting professor – Winy Maas

head: prof. Winy Maas
assistant: Javier Arpa Fernández, Šimon Knettig, Lex te Loo, Adrien Ravon

Dutch architect and urban planner Winy Maas will be a visiting professor at the Faculty of Architecture of the CTU in the academic year 2022/23. His team from the research think-tank The Why Factory will also move to Prague. Under their guidance, students will seek alternative visions for the development of cities and the planet.

Together with Jacob van Rijs and Nathalie de Vries, Winy Maas is the founder of MVRDV, an architectural practice awarded for its innovative and experimental approach to the architecture of buildings, cities and landscape.

Winy Maas combines his practice with teaching and research. In addition to his work for MVRDV, he is a professor at Delft University of Technology, where in 2008 he founded The Why Factory, a global think-tank and research institute that explores the development of future cities.

MVRDV and The Why Factory regularly enter the public debate on architecture and urbanism through exhibitions, publications, and discussions, and this will be the case in Prague as well. In the winter semester, students will focus on global issues. The result will be a set of proposals ranging from small interventions to XXL scale visions, which they will present in the form of a 3D installation NEXT PLANET, the planet of the future, at the final exhibition in January. In the summer semester, the studio will emphasize the CZECH CHECKS theme to analyze the situation of the Czech Republic and through proposals for interventions, provoke a discussion about the direction of the country. All this in collaboration with public institutions and other schools of architecture in the Czech Republic.

DEPARTMENT OF DESIGN (15150)

a: Thákurova 9, Praha 6 (4. floor); t: +420 224 356 269, +420 731 450 581; w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/224-department-of-design

head:

prof. akad. soch. Marian Karel
e: marian.karel@fa.cvut.cz

deputy head:

M.A. Henrieta Nezpěváková, Ph.D.

administration:

Radka Formánková
e: radka.formankova@fa.cvut.cz

head of studios:

prof. akad. arch. Jan Fišer
MgA. Jan Jaroš
prof. akad. soch. Marian Karel
MgA. Filip Streit
MgA. Martin Tvarůžek

workshop:

MgA. Josef Majrych

teachers and researchers:

MgA. Adéla Bébarová
MgA. Tomáš Blaha
doc. Ing. Vladimír Kočí, Ph.D
MgA. Tomáš Polák
doc. MgA. Josef Šafařík, Ph.D.
doc. MgA. René Šulc

external employees:

MgA. Jitka Aslan
akad. mal. Miroslav Bednář
prof. MUDr Ivan Dylevský, DrSc.
Mgr. Tomáš Fassati.
doc. Ing. arch. Patrik Kotas
PhDr. Jindra Lisalová
PhDr. Lenka Žižková

1. DEPARTMENT FOCUS:

The department is the guarantor of instruction of design as an independent study program at bachelor's, master's and doctoral study levels at the Faculty of Architecture, CTU in Prague. The Department of Design also coordinates the instruction of other subjects within the Design program taught at other departments of the Faculty of Architecture, and coordinates the instruction of subjects taught by the relevant departments of the Faculty of Transportation Sciences, the Faculty of Mechanical Engineering and the Faculty of Electrical Engineering.

2. STUDIO:

STUDIO Fišer

head: prof. akad. arch. Jan Fišer
assistant: M.A. Henrieta Nezpěváková, Ph.D.

STUDIO Jaroš

head: MgA. Jan Jaroš
assistant: akad. mal. Miroslav Bednář

STUDIO Karel

head: prof. akad. soch. Marian Karel
assistant: doc. MgA. Josef Šafařík, Ph.D.

STUDIO Streit

head: MgA. Filip Streit
assistant: MgA. Tomáš Polák

STUDIO Šulc

head: doc. MgA. René Šulc

STUDIO Tvarůžek

head: MgA. Martin Tvarůžek
assistant: MgA. Tomáš Blaha

3. DOCTORAL DEGREE:

The department leads doctoral students in Design. The topics covered concern design and its interdisciplinary interventions, innovations in industrial design, the application of new technologies and technological processes, or targeted product concept research within a specific user group. In the theoretical preparation of Ph.D. students, the department provides instruction in Intermedia Production and Advanced Technology in Design, Facade Design, Advanced Psychology in HCI, Design Science.

4. RESEARCH:

The doctoral study Design program encourages students to develop long-term projects linked to the specific focus of the individual studios at the Department of Design – these are connected with actual technological and psychological research and concern mainly medical aids, applied design, innovative technological procedures in industrial design, audiovisual technologies and interfaces, and their applications in specialised and commercial spheres. Artistic activity includes teachers' artistic and design work as well as presentation of students' works at exhibitions, festivals and specialised competitions outside CTU.

5. SUBJECTS AND LIFELONG LEARNING:

There are no specialised subjects and lifelong learning organized directly by the department.

III.

Plans of the 2022|2023 Academic Year

A. Time Schedule of the 2022|2023 Academic Year

B. English Program Study Plans

A.
Time Schedule of the 2022|2023 Academic Year

Winter semester 19. 9. 2022 – 19. 2. 2023

13 weeks of tuition 19. 9. 2022–18. 12. 2022

until 5. 9. 2022	Announcement of studio project topics for WS 2022/2023 – FA website, noticeboard 1st floor
5. 9. – 26. 9. 2022	Registration of subjects in KOS (registration closes at 9 am)
13. 9. 2022	**Enrolment of Erasmus+ & Exchange and MAG degree in EN students in WS 2022/23**
13. 9. 2022	**Joint presentation of studio assignments in EN for WS 2022/23**
12. 9. – 23. 9. 2022	Enrolment into Design studios – written agreement with a relevant studio leader
until 15. 9. 2022	Application for the MAG SE in the WS 2022/23
until 15. 9. 2022	Application for the Ph.D. Dissertation defence and State doctoral exam in the WS 2022/23
until 15. 9. 2022	Registration of the MAG DP in the WS 2022/23
15. 9. 2022	Enrolment into the Ph.D. program
18. 9. 2022	Final deadline for completing subjects with A and GA and exams registered in the SS 2021/22
until 18. 9. 2022	Review of credits obtained in the AY 2021/22 in the KOS system
19. 9. 2022	**Winter semester starts**
22. 9. 2022	Alternative date of enrolment into the Ph.D. program
28. 9. 2022	Classes cancelled
28. 9. 2022	Opening of registration for the MAG State final exam in the WS in KOS
28. 10. 2022	Classes cancelled

17. 10. – 30. 10. 2022	Exhibition of Design studio projects from Erasmus+ & Exchange
17. 11. 2022	Classes cancelled
18. 11. 2022	Dean's day
1. 11. 2022	Erasmus applications - study trips abroad for students
19. 12. 22 – 8. 1. 2023	**Christmas break**
9. 1. – 19. 2. 2023	Winter term exam period
9. 1. – 15. 1. 2023	Design Studio Week - FA NONSTOP
13. 1. 2023	**By 12 noon submission of MAG Diploma projects WS**
16. 1. 2023	**By 12 noon submission of Design studio projects WS**
16. 1. – 10. 2. 2023	Exhibition of Design studio projects
24. 1. – 26. 1. 2023	Ph.D. Dissertation defence + State doctoral exam WS
until 6. 2. 2023	Announcement of studio project topics for SS 2022/2023 – FA website, noticeboard 1st floor
6. 2. – 28. 2. 2023	Registration of subjects in KOS (registration closes at 9 am)
7. 2. 2023	MAG Diploma projects defence WS 2022/23
7. 2. – 16. 3. 2023	MAG Diploma projects exhibition WS 2022/23
13. 2. – 3. 3. 2023	Enrolment into Design studios – written agreement with a relevant studio leader
14. 2. 2023	**Enrolment of Erasmus & Exchange in SS 2022/23**
14. 2. 2023	**Joint presentation of Design studios for SS 2022/23**
15. 2. – 31. 3. 202	Application period for MAG study programs in EN - non EU for AY 2023/2024
until 16. 2. 2023	Application for the MAG SE in the SS 2021/23
until 16. 2. 2023	Application for the Ph.D. Dissertation defence and State doctoral exam in the SS 2022/23
until 16. 2. 2023	**Registration of the MAG DP in the SS 2022/23**
16. 2. 2023	Erasmus+ student FA selection procedure for the 2023/24 academic year
17. 2. 2023	Final deadline for completing subjects with A and GA registered in the WS 2022/23
17. 2. 2023	Review of credits obtained in the 1st year of the MAG study programs in KOS

Summer semester 20. 2. 2023 – 2. 7. 2023

13 weeks of tuition 20. 2. 2023–21. 5. 2023

20. 2. 2023	**Summer semester starts**
1. 3. 2023	Opening of registration for the MAG SE in the SS in KOS
9. 3. 2023	MAG study programs Graduation ceremony

17. 3. 2023	Final deadline for exams in subjects registered in the WS 2022/23
7. 4. 2023	Classes cancelled (Easter)
10. 4. 2023	Classes cancelled (Easter)
15. 4. – 31. 5. 2023	Application period for MAG study programs in EN - EU for AY 2023/2024
18. 4. 2023	Classes cancelled (Easter)
until 30. 4. 2023	Application period for Ph.D. study programs in EN for AY 2023/2024
10. 5. 2023	Rector's day
22. 5. – 2. 7. 2023	Summer term exam period
22. 5. – 28. 5. 2023	Design Studio Week - FA NONSTOP
26. 5. 2023	**By 12 noon submission of MAG Diploma projects SS**
29. 5. 2023	**By 12 noon submission of Design studio projects SS**
29. 5. – 23. 6. 2023	Exhibition of Design studio projects
6. 6. – 8. 6. 2023	Ph.D. Dissertation defence and State doctoral exam SS
13. 6. 2023	MAG Diploma projects defence SS 2022/23
13. 6. – 30. 6. 2023	MAG Diploma projects exhibition SS 2022/23
26. 6. 2023	MAG study programs Graduation ceremony
2. 7. 2023	Final deadline for completing subjects with A and GA registered in the SS 2021/212
3. 7. – 3. 9. 2023	**Summer Break**
4. 9. – 7. 9. 2023	Review of credits obtained in the AY 2022/23 in KOS
24. 9. 2023	**End of academic year 2022/23**

Admission procedure for MAG study programs in EN - non EU - for 2023/24:
applications until 31. 3. 2023
admission procedure 30. 4.– 4. 9. 2023

Admission procedure for MAG study programs in EN - EU - for 2023/24:
applications until 31. 5. 2023
admission procedure 30. 4.– 4. 9. 2023

Admission procedure for Ph.D. study programs in EN - for 2023/24:
topics announcement 31. 3. 2023
applications until 30. 4. 2023
admission procedure 30. 4.– 4. 9. 2023

B.
English Program Study Plans

The study plans detail the requirements for the enrolling in subjects and for meeting the requirements for completion of study programs. The study plan provides a recommended order of subjects. The monitored period of study is the academic year. The study is always checked before the start of the new academic year.

In each semester, the student is required to enrol in subjects that are equivalent to at least **20 credits**. The recommended amount with regard to the regular length of study is 30 credits.

ENROLMENT INTO COURSES

Enrolment is carried out (with the exception of Studio subjects) electronically in the KOS component. Students can enrol in subjects in a different order than the one provided in the recommended study plans; however, they are obliged to respect the compulsory order of some subjects.

Students can enrol in pre-approved workshops as elective subjects, equivalent to 2 credits; in total, a student can enrol in 2 workshops in the master's study program. In the week after their first enrolment into their studies the students are obliged to take part in a compulsory Master degree entrance workshop in which their bachelor level technical skills will be developed and further individual training or counselling recommended if necessary.

INFORMATION ON THE MASTER'S ARCHITECTURE AND URBANISM STUDY PROGRAM IN ENGLISH |MAG_AU_EN|

This study plan is valid for the 2022/2023 academic year for all students in the study program Architecture and Urbanism in the English language at CTU FA.

Students enrol in the subject Studio (ATS1, ATU, ATVZ, ATV, ATRN) on the dates stipulated in the time schedule of the academic year. The assignment of individual studios is published on the FA website before the start of each semester. During the course of their master's studies students must attend

at least two different design studios and enrol their subject Studios in the design studio that corresponds with their subject (ATS1, ATU, ATVZ, ATV, ATRN).

English Master degree students ATRN project has to be a building construction project. Please consult the choice of your studio leader with the EN coordinator before the start of the semester.

Credits for elective courses can also be obtained by completing courses in the study program Design (FA CTU) or Landscape Architecture (FA CTU), completing a similar course at a foreign university (following approval by the FA Study Department), or by completing an approved workshop included in the relevant study program.

Students who have earned at least **92 credits** for successfully completing compulsory and elective subjects who have passed the state examination in Architecture and Urbanism and Building Management can register for their diploma project.

INFORMATION ON THE MASTER'S DESIGN STUDY PROGRAM IN ENGLISH |MAG_D_EN|

This study plan is valid for the 2022/2023 academic year for all students in the master's Design study program in the English language. Due to the relationship between the content of these subjects, the following order of subjects is obligatory: DSD, DP.

Students enrol in the subject Studio (AD4, AD5, AD6, ATVD) on the dates stipulated in the time schedule of the academic year. The assignment of individual studios is published on the FA website before the start of each semester. During the course of their master's studies students must attend at least two different design studios and enrol their subject Studios in the design studio that corresponds with their subject (AD4, AD5, AD6, ATVD).

Credits for optional subjects can be earned by completing subjects of the study program Architecture and Urbanism (FA CTU) and Landscape Architecture (FA CTU), by completing a similar course at a foreign university (following approval by the FA Study Department), or by completing an approved workshop included in the relevant study program.
Students who have earned at least **92 credits** for successfully completing compulsory and elective subjects who have passed the state examination in Design and in Design Practice and Management can register for their diploma project.

INFORMATION ON THE MASTER'S LANDSCAPE ARCHITECTURE STUDY PROGRAM IN ENGLISH |MAG_LA_EN|

This study plan is valid from the 2022/2023 academic year for all students in the study program Architecture and Urbanism in the English language at CTU FA.

Students enrol in the subject Studio (AT4, AT5, AT6, ATVL) on the dates stipulated in the time schedule of the academic year. The assignment of individual studios is published on the FA website before the start of each semester. During the course of both their master's studies students must attend at least two different design studios and enrol their subject Studios in the design studio that corresponds with their subject (AT4, AT5, AT6, ATVL).

Credits for elective courses can also be obtained by completing courses in the study program Design (FA CTU) or Architecture and Urbansim (FA CTU), completing a similar course at a foreign university (following approval by the FA Study Department), or by completing an approved workshop included in the relevant study program.

Students who have earned at least **92 credits** for successfully completing compulsory and elective subjects who have passed the state examination in Landscape Architecture can register for their diploma project.

MAG__AU__EN

Code	Responsible Department no. Lecturer	Course Unit	Semester 7	8	9	10	Credits comp	elec
		Design studios and art courses						
500ATS1	Design Studio	Archit - Design Studio - Building Complex	0+8 / 11 GA				11	
500ATU	Design Studio	Archit - Design Studio - Urban Design		0 + 8 / 13 GA			13	
500ATVZ	Design Studio	Archit - Design Studio - Independent Study			0+8 / 11 GA		11	
500ATRN	Design Studio	Archit - Design Studio - Comprehensive Project			0+8 / 11 GA		11	
500ATV	Design Studio	Archit - Design Studio - Elective		0 + 4 / 4 GA				4
500DS	Design Studio	Archit - Diploma Seminar			0+2 / 2 GA			2
500DP1	Design Studio	Archit - Diploma Project				0+20 / 30 A	30	
		Architecture, urban and landscape design courses						
500PP2	151114 Štulc	Monument Preservation Theory and Practice		2 + 1 / 3 A,E			3	
500I2 500I3	15115 Soukenka, Kastlová	Interior II - History of Interior Interior III - History of Theatre		2 + 0 / 2 E	2+0 / 2 E			4
500NS5	15118 Kohout, Tichý	Building Theory V	1+1 / 2 GA				2	
500U21 500U31	15119 Burgerová, Fialová	Urbanism II - History Urbanism III - Theory		2 + 0 / 2 E	1+1 / 2 GA		2	2
500U4	15119 Jehlík	Urbanism IV - Design		2 + 1 / 3 A,E			3	
500UP1 500UP2	15121 Maier, Vorel	Planning I - Urban Planning Planning II - Spatial and Strategic Planning	2+1 / 3 A,E	1 + 1 / 2 GA			3	2
500SU	15121 Vorel	Smart Urbanism		2 + 0 / 2 A,E				2
500EKL3 500EKL2	15121 Hanson, Sklenička	Ecology III - Social Ecology Ecology II	2+0 / 2 GA	2 + 0 / 2 GA			2	2
500TKZ1 500TKZ3	15120, 15121 Fingerová, Hanson	Landscape Architecture I - Introduction Landscape Architecture III - Technology	2+1 / 3 A,E	2 + 0 / 2 GA			3	2
500TZI2	15124 Vyoralová	Technical Infrastructure II - Urban Utilities	2+1 / 3 A,E				3	
		Humanities and social science courses						
500DA1-2 500DA3-4	15113 Kalina	History of Architecture I/II, III/IV	2+0 / 2 E	2 + 0 / 2 E			2	2
500DA5 500SAT	15113 Šlapeta	Modern Architecture Contemporary Architecture	2+0 / 2 E			2+0 / 2 E		4
500TA1	15113 Sedláková, Tichá	Theory of Architecture and Esthetics			1+1 / 2 GA			2
		Technical and management courses						
500NK5	15122 Holický	Load-Bearing Structures V		2 + 1 / 2 GA			2	
500P	15122 Pospíšil	Law		2 + 0 / 2 E			2	
500PAM2	15124 Pernicová	Building Technology and Management II	2+1 / 3 A,E				3	
500EKON	15124 Tatýrek	Economics		2 + 1 / 3 A,E			3	
500CAD5	15121 Čtyroký	Computer Aided Design V - GIS	1+1 / 2 GA					2
500CAD3 500CAD4	15116 Achten	Computer Aided Design III, IV	0+2 / 2 GA	0 + 2 / 2 GA				4
500DC1	15123 Marek	Design Computing I - BIM	1+1 / 2 GA					2
500DC2	15116 Achten	Design Computing II - Architecture		1 + 1 / 2 GA				2
500DC3	15122 Šrubař, Kurilla	Design Computing III - Geometry			1+1 / 2 GA			2
		Other courses						
500PG1	15116 Nováková	Computer Graphics I			0+2 / 2 GA			2

Compulsory Courses: 2+1/3 (lectures + seminars / number of credits)	Compulsory Courses - credits total	79	
E = Examination, GA = Graded Assessment A = Assessment	Diploma Project - credits total	30	
Elective Courses: 2+1/3 (lectures + seminars / number of credits)	Electives Courses - compulsory / offered	11	42
Not all Elective Courses open every Academic Year	**Total Number of Credits**	**120**	

	7		8		9		10		
compulsory profile courses - hours / credits	8	11	8	13	16	22	20	30	76
compulsory theoretical profile courses - hours / credits	8	8	10	10	0	0	0	0	18
compulsory courses - hours / credits	6	6	10	9	0	0	0	0	13
elective courses offer - credits		12		16		12		2	42
elective courses compulsory - credits		3		0		6		2	11
compulsory courses - hours	22		28		16		20		
total - hours / credits	25	28	28	32	22	28	22	32	120
examination - compulsory	4		6		0		0		10
graded assessment - compulsory	2		2		2		0		6
assessment - compulsory	4		3		0		1		8

MAG_D_EN

Code	Responsible Department / Lecturer	Course Unit	Semester 7	8	9	10	Credits comp	elec
		Design studios and art courses						
500AD4	Design Studio	Design - Design Studio - IV	0 + 12 / 17 GA				17	
500AD5	Design Studio	Design - Design Studio - V		0 + 12 / 18 GA			18	
500AD6	Design Studio	Design - Design Studio - VI			0 + 12 / 22 GA		22	
500ATVD	Design Studio	Design - Design Studio - Elective		0 + 4 / 4 GA				4
500DSD	Design Studio	Design - Diploma Seminar			0 + 2 / 2 GA		2	
500DPD	Design Studio	Design - Diploma Project				0 + 20 / 28 A	28	
500VTD6	15111 Melenová	Art practice VI	0 + 2 / 2 GA					2
		Design courses						
500ND3	15150 Karel, Šafařík	Teachings of Design III		2 + 0 / 2 E			2	
500DPM	15150 Šafařík, Frouzová	Design Process Methodology		2 + 1 / 3 A, E			3	
500MD	15150 Šafařík, Sivý	Multimedia Design / Design and Technology	2 + 1 / 3 A, E					3
500I2 500I3	15115 Soukenka, Kastlová	Interior II - History of Interior Interior III - History of Theatre	2 + 0 / 2 E	2 + 0 / 2 E			2	2
500OP	15150 Kočí	Product Ecology		2 + 0 / 2 E				2
500EKL3	15121 Sklenička, Hanson	Ecology II Ecology III - Social Ecology		2 + 0 / 2 GA	2 + 0 / 2 GA			4
500NS5	15118 Kohout, Tichý	Building Theory V			1 + 1 / 2 GA			2
		Humanities and social science courses						
500TD	15113 Guzik	Theory of Design	1 + 1 / 2 GA				2	
500TA1	15113 Sedláková, Tichá	Theory of Architecture and Esthetics			1 + 1 / 2 GA			2
500DU3	15113 Guzik, Tichá	History of Art III		2 + 0 / 2 GA				2
		Technical and management courses						
500MT5	15150 Beneš	Materials and technology V	2 + 1 / 3 A, E				3	
500EM1 500EM2	15124 Měšťanová	Economics and management I, II	1 + 1 / 2 A, E	2 + 0 / 2 E			4	
500P	15122 Pospíšil	Law		2 + 0 / 2 E			2	
500CGD	15116 Odehnal	Computer Graphics for Design		1 + 1 / 2 GA				2
500PG1	15116 Nováková	Computer Graphics I	0 + 2 / 2 GA					2

Compulsory Courses: 2+1/3 (lectures + seminars / number of credits)
E = Examination, GA = Graded Assessment A = Assessment
Elective Courses: 2+1/3 (lectures + seminars / number of credits)
Not all Elective Courses open every Academic Year

Compulsory Courses - Credits Total				77
Diploma Project				28
Elective Courses - Compulsory/Offer				15 27
Total Number of Credits				**120**

compulsory profile courses - hours / credits	12	17	12	18	14	24	20	28	87
compulsory theoretical profile courses - hours / credits	9	9	8	9	0	0	0	0	18
compulsory courses - hours / credits	0	0	0	0	0	0	0	0	0
elective courses offer - credits		7		12		6		2	27
elective courses compulsory - credits		4		3		6		2	15
compulsory courses - hours	21		21		14		20		
total - hours / credits	25	30	24	30	20	30	22	30	120
examination - compulsory	3		4		0		0		7
graded assessment - compulsory	2		1		2		0		5
assessment - compulsory	2		1		0		1		4

MAG_LA_EN

Code	Responsible Department no. Lecturer	Course Unit	Semester 7	8	9	10	Credits comp	elec
		Design studios and art courses						
500AT4	Design Studio	Landscape - Design Studio IV - Urban Landscape Project	0 + 8 / 13 GA				13	
500AT5	Design Studio	Landscape - Design Studio V - Landscape Project		0 + 8 / 13 GA			13	
500AT6	Design Studio	Landscape - Design Studio VI - Landscape Comprehensiv			0 + 8 / 14 GA		14	
500ATVL	Design Studio	Landscape - Design Studio - Elective		0 + 4 / 4 GA				4
500DSL	Design Studio	Landscape - Design Studio - Diploma Seminar			0 + 2 / 2 GA		2	
500DPL	Design Studio	Landscape - Design Studio - Diploma Project				0 + 28 / 28 A	28	
500VTD6	15111 Melenová	Art practice VI	0 + 2 / 2 GA					2
		Landscape design courses						
500CL1	15114 Hauserová	Cultural Landscape I	2 + 1 / 3 A, E				3	
500TKZ4	15120 Plicka, Sitta, Fingerová	Landscape Architecture IV	0 + 2 / 2 E				2	
500LP1	15120 Skleničkа, Salzmann	Landscape Planning I	2 + 0 / 2 GA				2	
500TZI2	15124 Vyoralová	Technical Infrastructure II - Urban Utilities	2 + 1 / 3 A, E				3	
500TKZ3	15121 Hanson	Landscape Architecture III - Technology		2 + 0 / 2 GA			2	
500U21 500U31	15119 Burgerová, Fialová	Urbanism II - History Urbanism III - Theory		2 + 0 / 2 E	1 + 1 / 2 GA			4
500U4	15119 Jehlík	Urbanism IV - Design		2 + 1 / 3 A, E			3	
500UP1 500UP2	15121 Maier, Vorel	Planning I - Urban Planning Planning II - Spatial and Strategic Planning	2 + 1 / 3 A, E	1 + 1 / 2 GA			3	2
500EKL3 500EKL2	15121 Hanson, Skleničkа	Ecology III - Social Ecology Ecology II	2 + 0 / 2 GA	2 + 0 / 2 GA			2	2
500NS5	15118 Kohout, Tichý	Building Theory V			1 + 1 / 2 GA			2
		Humanities and social science courses						
500LAT1	15113 Tichá	Landscape Architecture Theory I			2 + 0 / 2 E		2	
500DU3	15113 Guzik, Tichá	History of Art III		2 + 0 / 2 GA				2
500DA5 500SAT	15113 Šlapeta	Modern Architecture Contemporary Architecture			2 + 0 / 2 E	2 + 0 / 2 E		4
		Technical and management courses						
500LCM	15124 Měšťanová, Borusík	Landscape Construction and Management			2 + 1 / 3 A, E		3	
500EBE	15121 Maier, Vorel	Economy of Built Environment		2 + 1 / 3 A, E			3	
500P	15122 Pospíšil	Law		2 + 0 / 2 E			2	
500CAD3 500CAD4	15116 Achten	Computer Aided Design III, IV	0 + 2 / 2 GA	0 + 2 / 2 GA				4
500CAD5	15121 Čtyroký	Computer Aided Design V - GIS			1 + 1 / 2 GA			2
		Other courses						
500PG1	15116 Nováková	Computer Graphics I			0 + 2 / 2 GA			2

Compulsory Courses: 2+1/3 (lectures + seminars / number of credits)	Compulsory Courses - credits total	72
E = Examination, GA = Graded Assessment A = Assessment	Diploma Project - credits total	28
Elective Courses: 2+1/3 (lectures + seminars / number of credits)	Electives Courses - compulsory / offered	20 30
Not all Elective Courses open every Academic Year	**Total Number of Credits**	**120**

	7	8	9	10	
compulsory profile courses - hours / credits	8 13	8 13	10 16	28 28	70
compulsory theoretical profile courses - hours / credits	7 7	8 8	3 3	0 0	18
compulsory courses - hours / credits	3 6	4 4	2 2	0 0	9
elective courses offer - credits	6	12	10	2	30
elective courses compulsory - credits	4	5	9	2	20
compulsory courses - hours	21	20	21	28	
total - hours / credits	25 30	25 30	30 30	30 30	120
examination - compulsory	4	3	2	0	9
graded assessment - compulsory	2	3	2	0	7
assessment - compulsory	3	2	1	1	7

IV.

Tuition at the FA

A. Studios

B. Courses

A.
Studios

The quality of studio teaching at the FA has been monitored in recent years by regular evaluation committees composed of faculty teachers and external experts.

1. Study program MAG__ AU__EN

Studio training takes place in vertical studios, where students have the opportunity to work together on assignments provided by the head of studio and for which students apply based on their choice, and following agreement with the head of the studio. Mutual cooperation, work on similar topics and the manner of communication with the studio management are considered the main advantages of this working method. There are usually two joint presentations during the course of the semester and at the end of the semester final project presentations and the central exhibition of projects of all studios are held.

LIST OF STUDIOS

DEFINITION OF STUDIO TRAINING

The principles of architectural design are studied and practised on a wide range of building structures: new developments as well as urban renewal and reconstruction. Studios at this level are enriched by studios focusing on topics such as sustainable design, contemporary technologies, interior architecture and preservation. Students are offered a choice of semester assignments either for individual or group elaboration. The advanced urban design studio works on a development and/or urban regeneration project for a part of a town or a city. Students are required to work out an urban analysis (survey), draft programs with variants and decide on a final urban design. Most studio assignments have real-life clients from the planning departments of municipalities.

Studio assignments in all semesters of the master's study program require continuous participation in consultations and presentations. The coursework includes an analysis of the selected site/area, solution of its wider relations, or possibly also a search of completed similar projects. All details about the course of the semester and submission are specified in the assignment of

the studio work. Evaluation criteria include participation in consultations and presentations, demonstration of the acquired knowledge and the ability to apply the acquired knowledge in the field of architectural design, from conception to the student's own design to its presentation, in both written and oral form. In recent years, the quality of studios at the FA has been monitored through regular evaluations by committees composed of faculty teachers and outside experts.

DESIGN STUDIO – BUILDING COMPLEX – ATS1

|Compulsory; 7. sem.; 0+8; Graded Assessment; MAG__AU__EN|

The aim is to acquaint the student of the master's program with the problems of the demanding construction complex and practical use of basic terms from the typology of civil, industrial, or agricultural buildings. The assignment may have a well-defined program or the task may be formulated as a search for the potential of the specified parcel. The result of the work is a design of a set of buildings or structures with a typologically specific and complex or multifunctional program, including the link to a specific site.

Recommended design studios ATS1 for students in MAG__AU__EN program: Císler, Efler, Fránek, Hájek-Hulín, Hlaváček-Čeněk, Klokočka, Kolařík, Kordovský, Krátky-Marques, Kuzemenský, Lábus-Šrámek, Lampa, Plicka, Sedlák, Šestáková, Stempel-Beneš, Valouch.

DESIGN STUDIO – URBAN DESIGN – ATU

|Compulsory; 8. sem.; 0+8; Graded Assessment; MAG__AU__EN|

The goal of the course unit is for the student to acquire the ability to elaborate a project involving the problems of urban design on various scales, through the practical use of knowledge and basic concepts acquired in urban subjects of study. In the analytical phase of the work the student works with information about the territory. This deals with the wider relationships involved, the physical space and its perception, use of objects and areas, flows of people, materials and energies. The output is a problem map - a depiction of constraints and potentials. In the conceptual phase, the student creates a vision - use, spatial structure and granularity of the space in question - documented by a working model. The design phase solves the position of the area in the context of the city or region, floor plans indicating spatial arrangement and use, general sections or elevation views illuminating the height solution (usually on a scale up to two more detailed than floor plans), visualisation of the whole axonometry), several visualisations of the main public spaces usually from the normal horizon, transport solutions including pedestrian and public transport and traffic at rest and, a design implementation procedure - diagrams of individual phases. An integral part of the work is a text explaining the design principles. A final model is recommended.

Recommended design studios ATU for students in MAG__AU__EN program: Císler, Efler, Fránek, Hájek-Hulín, Hanson, Hlaváček-Čeněk, Klokočka, Kolařík, Kordovský, Krátky-Marques, Kuzemenský, Lábus-Šrámek, Lampa, Plicka, Sedlák, Šestáková, Šindlerová, Stempel-Beneš, Valouch.

DESIGN STUDIO – INDEPENDENT STUDY – ATVZ

|Compulsory; 9. sem.; 0+8; Graded Assessment; MAG__AU__EN|

For the Independent Study Studio it is possible to process assignments from any of the authorised specialisations acknowledged by the Chamber of Architects: architecture, urbanism and spatial planning or landscape architecture.

Recommended design studios ATVZ for students in MAG__AU__EN program: Achten-Pavlíček-Nováková, Císler, Efler, Florián-Kurilla-Prokop, Fránek, Hájek-Hulín, Hlaváček-Čeněk, Kordovský, Krátky-Marques, Lábus-Šrámek, Lampa, Sedlák, Šestáková, Soukenka, Stempel-Beneš, Valouch.

DESIGN STUDIO - COMPREHENSIVE PROJECT – ATRN

|Compulsory; 9. sem.; 0+8; Graded Assessment; MAG__AU__EN|

The studio can be processed only in the following variant: ATRN variant 1 / construction project: The aim of the course unit is to acquaint the student with the problems of project design. Based on their own architectural design developed within the previous studios, students work on the project at the level of documentation for the construction.The project is processed in a spiral, where each problem has to be verified several times, always at a higher level of knowledge of context and details. Occasionally, the underlying assumptions prove unsustainable and need to be reassessed. Construction must always be feasible. Architectural design and technical solutions are continuous vessels. Any change caused by other technical solutions must be made with respect to the architectural concept of the design and the same applies the other way round. In addition to consultations with the head of the studio, expert consultations are carried out by designated employees of technical departments (15122, 15123 and 15124) within the scope of the assignment, which determines the prescribed content of ATRN. This assignment is given to students at the start of their work.

Recommended design studios ATRN for students in MAG__AU__EN program: Císler, Efler, Fránek, Hájek-Hulín, Hlaváček-Čeněk, Kordovský, Krátky-Marques, Lábus-Šrámek, Lampa, Sedlák, Šestáková, Stempel-Beneš, Valouch.

DESIGN STUDIO – ELECTIVE – ATV

|Elective; 8. sem.; 0+4; Graded Assessment; MAG__AU__EN|

The assignment can be processed into tasks from the currently offered topics of the obligatory studios in the relevant semester. In addition to the topics specified in the compulsory studios, ATV allows a wider choice of tasks such as conceptual studio, art studio, industrial design studio, furniture or exhibition design studio, interior design studio, BIM studio or ATRN follow-up studio, spatial and strategic planning studio or studio landscape architecture. In the framework of ATV it is also possible to solve surveys for urban design studio or as a historical building survey for studio assignments in the PP module. The assignment of ATV can also be determined individually, by agreement with the head of the studio, according to the specific interest of the student.

Recommended design studios ATV for students in MAG__AU__EN program: Achten-Pavlíček-Nováková, Císler, Efler, Florián-Kurilla-Prokop, Fránek, Hájek-Hulín, Hanson, Hlaváček-Čeněk, Klokočka, Kolařík, Kordovský, Krátky-Marques, Kuzemenský, Lábus-Šrámek, Lampa, Plicka, Rehwaldt, Sedlák, Šestáková, Šindlerová, Sitta, Soukenka, Stempel-Beneš, Valouch.

DESIGN STUDIO – DIPLOMA SEMINAR – DS

|Elective; 9. sem.; 0+2; Graded Assessment; MAG__AU__EN|

The diploma seminar represents the initial step leading to the diploma project, which is elaborated in the following semester. The purpose of the diploma seminar is to analyse the wider scope of the topic on which the award of the diploma thesis will be based. By working on the diploma seminar the student will be able to gain insight into professional issues connected with his or her future diploma project in the form of a research project, within which the diploma thesis will be developed. The diploma seminar precedes the diploma project and can be processed in the following variants:

• Analysis of the territory of the future diploma project - in which case the student should not be acquainted with the specific program of the diploma project.
• Search for the program and typology of the future diploma project - in which case the student should not know the specific place of the diploma project.
• Optional other variants are possible in agreement with the studio tutor and the dean approval.

Recommended design studios DS for students in MAG__AU__EN program: Achten-Pavlíček-Nováková, Císler, Efler, Florián-Kurilla-Prokop, Fránek, Hájek-Hulín, Hanson, Hlaváček-Čeněk, Klokočka, Kolařík, Kordovský, Krátky-Marques, Kuzemenský, Lábus-Šrámek, Lampa, Plicka, Sedlák, Šestáková, Šindlerová, Soukenka, Stempel-Beneš, Valouch.

DESIGN STUDIO – DIPLOMA PROJECT – DP1

|Compulsory; 10. sem.; 0+20; Assessment; MAG__AU__EN|

The diploma project is the final work which shows the ability of the student to cope independently and comprehensively with an assignment, from its initial conception, through its design and its presentation. The assignment may be from the domains of architecture, urbanism or landscape architecture. The diploma project examines the theoretical knowledge base of the student, ability to analyse complex problems, to produce high quality design solutions, and demonstrate the ability to present them comprehensively. The result of the diploma project is presented in a recommended A3 portfolio, which contains drawings, diagrams and a theoretical text written by the student. Often the assignment specifies that the diploma project should be supported by a 3D model. Exhibition posters are printed for the purpose of exhibiting the diploma project in accordance with the rules laid down by the dean. It is also possible to receive a theoretical assignment as a diploma project. In this case, it is necessary to follow scientific work standards in terms of the content, sources, method and form.

Recommended design studios DP1 for students in MAG__AU__EN program: Achten-Pavlíček-Nováková, Císler, Efler, Florián-Kurilla-Prokop, Fránek, Hájek-Hulín, Hanson, Hlaváček-Čeněk, Klokočka, Kolařík, Kordovský, Krátky-Marques, Kuzemenský, Lábus-Šrámek, Lampa, Plicka, Sedlák, Šestáková, Šindlerová, Soukenka, Stempel-Beneš, Valouch.

Detailed information about the course and the required outcomes are provided in Dean's Directive SZZ and in other documents published on the faculty's website in the given semester.

2. Study program MAG__D__EN

Students apply in vertical studios based on their choice, following agreement with the head of the studio. The Design studios teach students how to combine the aesthetic aspect of their work with the functional, structural and technological features of the product. The study is focused on the creation of industrially manufactured products. In accordance with the professional focus of the heads of studios, the studios' focus is on product design, transport design or interior design.

IMPORTANT

The following Design Studio is intended ONLY for students of the Design program - field of study: Design.

LIST OF STUDIOS

DEFINITION OF STUDIO TRAINING

A subject taught in the form of atelier teaching offers students the chance to further develop their own creative skills by applying them to another specific thematic assignment from the studio manager in the form of a design of a more complex product, subject or spatial unit. The design must already include a synthesis of functional artistic and technical components that will give the final design a value for design work. The subject is elaborated for the whole semester, which results in the work of the studio semester project, which is publicly presented at the end of the semester within the Faculty of Architecture. Five studios with various approaches to design are offered: industrial design, product design, product and furniture, interior design and, experimental design (new media & interaction). All stages of design projects are dealt with: research, definition of design problem, ideation through sketches and models, realisation of final prototype, presentation. Within a studio or "atelier," students of different years can collaborate.

DESIGN STUDIO IV – AD4

|Compulsory; 7. sem.; 0+12; Graded Assessment; MAG_D_EN|

The course Design Studio IV in the form of studio teaching offers students the opportunity to further develop their own creative skills by applying them to other specific thematic assignments from the leading studio in the form of designing a more complex product, object or spatial formation. The design must already include a synthesis of functional visual and technical components that give the resulting design the value of design. Students work on this topic throughout the semester, resulting in their work as a studio semester project, which at the end of the semester is publicly presented within the Faculty of Architecture and is graded by graded assessment

DESIGN STUDIO V – AD5

|Compulsory; 8. sem.; 0+12; Graded Assessment; MAG_D_EN|

The course Design Studio IV in the form of studio teaching offers students the opportunity to further develop their own creative skills by applying them to other specific thematic assignments from the leading studio in the form of

designing a more complex product, object or spatial formation.
The design must already include a synthesis of functional visual and technical components that give the resulting design the value of design. Students work on this topic throughout the semester, resulting in their work as a studio semester project, which at the end of the semester is publicly presented within the Faculty of Architecture and is graded by graded assessment.

DESIGN STUDIO VI – AD6

|Compulsory; 9. sem.; 0+12; Graded Assessment; MAG_D_EN|

The course Design Studio VI in the form of studio teaching follows the Design Studio IV and Design Studio V, with the same form of instruction, i.e. a studio semestral project, and develops the ability of students to create independently on a topic given by the head of the studio. Compared to the previous studios, the Design Studio VI is specific because of its theme.

DESIGN STUDIO - REQUISITE OPTIONAL – ATVD

|Elective; 8. sem.; 0+4; Graded Assessment; MAG_D_EN|

The assignment can be processed for tasks from any currently offered topics compulsory in the relevant semester. The assignment can also be set individually, by agreement with the head of the studio, according to the specific interest of the student.

DESIGN STUDIO – DIPLOMA SEMINAR D– DSD

|Compulsory; 9. sem.; 0+2; Graded Assessment; MAG_D_EN|

The diploma seminar represents the initial step before the beginning of the diploma thesis, which follows in the next semester of study. The purpose of the diploma seminar is to analyse the wider scope of the topic on which the awarding of the diploma thesis will be based. In this way, the student will be able to gain insight into the professional issues in the form of his own research, within which the diploma thesis will be developed.

DESIGN STUDIO – DIPLOMA PROJECT D – DPD

|Compulsory; 10. sem.; 0+20; Assessment; MAG_D_EN|

Goals of the course unit. The course ends with the master's degree program Design in the form of an independent diploma project, in which the student must demonstrate complex design skills including a separate approach to the creation, the search for relevant materials and literature and the ability to analyse the topic of the diploma thesis with his or her own proposal, including its defense, practical design work subsequently applicable in practice. The subject of the diploma thesis can be the design of industrial and consumer products, design of furniture for interiors or furniture for outdoor public spaces, design of construction products or elements of small architecture.

3. Study program MAG_LA_EN

Students apply in vertical studios based on their choice, following agreement with the head of the studio. The Design studios teach students how to combine the aesthetic aspect of their work with the functional, structural and technological features of the product. The study is focused on the creation of industrially manufactured products. In accordance with the professional focus of the heads of studios, the studios' focus is on product design, transport design or interior design.

LIST OF STUDIOS

DEFINITION OF STUDIO TRAINING

A subject taught in the form of atelier teaching offers students the chance to further develop their own creative skills by applying them to another specific thematic assignment from the studio manager in the form of a design of a more complex product, subject or spatial unit. The design must already include a synthesis of functional artistic and technical components that will give the final design a value for design work. The subject is elaborated for the whole semester, which results in the work of the studio semester project, which is publicly presented at the end of the semester within the Faculty of Architecture. Five studios with various approaches to design are offered: industrial design, product design, product and furniture, interior design and, experimental design (new media & interaction). All stages of design projects are dealt with: research, definition of design problem, ideation through sketches and models, realisation of final prototype, presentation. Within a studio or "atelier," students of different years can collaborate.

DESIGN STUDIO IV – URBAN LANDSCAPE PROJECT – AT4
|Compulsory; 7. sem.; 0+8; Graded Assessment; MAG__LA__EN|

The course Design Studio IV in the form of studio teaching offers students the opportunity to further develop their own creative skills by applying them to other specific thematic assignments from the leading studio in the form of designing a more complex product, object or spatial formation. The design must already include a synthesis of functional visual and technical components that give the resulting design the value of design. Students work on this topic throughout the semester, resulting in their work as a studio semester project, which at the end of the semester is publicly presented within the Faculty of Architecture and is graded by graded assessment

DESIGN STUDIO V – LANDSCAPE PROJECT – AT5
|Compulsory; 8. sem.; 0+8; Graded Assessment; MAG__LA__EN|

The course Design Studio IV in the form of studio teaching offers students the opportunity to further develop their own creative skills by applying them to other specific thematic assignments from the leading studio in the form of designing a more complex product, object or spatial formation. The design must already include a synthesis of functional visual and technical components that give the resulting design the value of design. Students work on this topic throughout the semester, resulting in their work as a studio semester project, which at the end of the semester is publicly presented within the Faculty of Architecture and is graded by graded assessment.

DESIGN STUDIO VI – LANDSCAPE COMPREHENSIVE PROJECT – AT6
|Compulsory; 9. sem.; 0+8; Graded Assessment; MAG__LA__EN|

The course Design Studio VI in the form of studio teaching follows the Design Studio IV and Design Studio V, with the same form of instruction, i.e. a studio semestral project, and develops the ability of students to create independently on a topic given by the head of the studio. Compared to the previous studios, the Design Studio VI is specific because of its theme.

DESIGN STUDIO - ELECTIVE – ATVL
|Elective; 8. sem.; 0+4; Graded Assessment; MAG__LA__EN|

The assignment can be processed for tasks from any currently offered topics compulsory in the relevant semester. The assignment can also be set individually, by agreement with the head of the studio, according to the specific interest of the student.

DESIGN STUDIO – DIPLOMA SEMINAR – DSL

|Compulsory; 9. sem.; 0+2; Graded Assessment; MAG__LA__EN|

The diploma seminar represents the initial step before the beginning of the diploma thesis, which follows in the next semester of study. The purpose of the diploma seminar is to analyse the wider scope of the topic on which the awarding of the diploma thesis will be based. In this way, the student will be able to gain insight into the professional issues in the form of his own research, within which the diploma thesis will be developed.

DESIGN STUDIO – DIPLOMA PROJECT – DPL

|Compulsory; 10. sem.; 0+28; Assessment; MAG__LA__EN|

Goals of the course unit. The course ends with the master's degree program Design in the form of an independent diploma project, in which the student must demonstrate complex design skills including a separate approach to the creation, the search for relevant materials and literature and the ability to analyse the topic of the diploma thesis with his or her own proposal, including its defense, practical design work subsequently applicable in practice. The subject of the diploma thesis can be the design of industrial and consumer products, design of furniture for interiors or furniture for outdoor public spaces, design of construction products or elements of small architecture, design of transport means or machines and equipment, design of interior space, exhibition or scene. At the end of the semester the diploma thesis is presented and defended by the student before a professional commission. The result is a complex design combining the requirements for the functional, visual and technical characteristics of the designed work, the design in question must be able to be realised in practice, design of transport means or machines and equipment, design of interior.

B.
Courses

1. List of courses

Study programs MAG_AU_EN , MAG_D_EN and MAG_LA_EN

2. Specification of courses

ART PRACTICE VI / 15111

|Elective; 7. sem.; 0+2; Graded Assessment; MAG__D__EN|

course teacher: MgA. Tereza Melenová

The aim of the course is to develop students' skills and knowledge in the field of working with new technologies. Students will be able to test video, mapping, lighting and sound design, projections and other technologies in order to create a suitable presentation environment or to create the desired presentation atmosphere. Interactive narrative systems, new possibilities and models. E-culture in network, wired, wi-fi and other environments.

BUILDING TECHNOLOGY AND MANAGEMENT II / 15124

|Compulsory; 7. sem.; 2+1; Assessment+Exam; MAG__AU__EN|

course teacher: Ing. Radka Pernicová, Ph.D.

The aim of the lectures is preparation of the future architect for his role as a project designer and manager starting from the building investment program up to the operational stage. One of the lectures points of view is the impact of architectural and structural design in its building technology and implementation stages. Another perspective shows the opposite process - the impact of a particular building technology and staging upon architectural and structural design. The lecture's content takes the process starting with investment program, the way different building technology systems are being implemented today, their staging and coordination during architectural and structural detailing, the conception of implementation staging already within architectural preparatory work. Students submit solutions of the site accommodation and organisation based on their individual building projects.

BUILDING THEORY V / 15118
|Compulsory; 7. sem.; 1+1; Graded Assessment; MAG__AU__EN|
|Elective; 9. sem.; 1+1; Graded Assessment; MAG__D__EN|

course teacher: prof. Ing. arch. Michal Kohout, doc. Ing. arch. David Tichý, Ph.D., Ing. arch. Jaromír Hainc, PhD.

The course strives to present TYPE, TYPOLOGY and SYSTEMIC approach to built environment not only as an analytical tool and a basis of many research methods, but also as an integral part of a creative process. It not only optimises the design in practical terms, but also allows for better cultural integration of its results – the legibility and user orientation being among the most prominent outcomes. Varying types up to now remains one of the most effective and safest designing The course strives to present TYPE, TYPOLOGY and SYSTEMIC approach to built environment not only as an analytical tool and a basis of many research methods, but also as an integral part of a creative process. It not only optimises the design in practical terms, but also allows for better cultural integration of its results – the legibility and user orientation being among the most prominent outcomes. Varying types remains, up to now, one of the most effective and safest designing methods: TYPE IS COOL! The course consists of a series of six lectures and six seminars coming in fortnight pairs touching on different themes connected to systematisation of the built environment.

COMPUTER AIDED DESIGN III / 15116
|Elective; 7. sem.; 0+2; Graded Assessment; MAG__AU__EN|

course leader: prof. Dr.-Ir. Henri Achten, Ph.D., Ing.arch. Šimon Prokop

CAD III is a course where you get to know the basics of scripting.
The students will learn the basics of algorithmic modeling in the Grasshopper a graphical scripting environment. They will learn to create their own set of digital tools for efficient work and discover the advantages of this modeling approach compared to traditional „manual" methods. Alongside small recap exercises the basic principles of generative and parametric modeling are illustrated on examples during the classes. Each demonstration is discussed in the context of a design issue, e.g. a skyscraper, urban planning, optimization of structures, facade components and others. Some lessons then focus on digital fabrication problems related to 3D printing, CNC milling or the effective use of laser cutting..

COMPUTER AIDED DESIGN IV / 15116
|Elective; 8. sem.; 0+2; Graded Assessment; MAG__AU__EN|

course leader: prof. Dr.-Ir. Henri Achten, Ph.D., Ing.arch. Šimon Prokop

The CAD IV-Scripting is meant to serve as introductory course for generative/ algorithmic/parametric/computational design. Students already advanced in such topics can pursue more complex projects within individual consultations. New students will learn the basics of algorithmic modeling in the Grasshopper a graphical scripting environment. They will learn to create their own set of digital tools for efficient work and discover the advantages of this modeling approach compared to traditional „manual" methods. Alongside small recap exercises the basic principles of generative and parametric modeling are illustrated on examples during the classes. Each demonstration is discussed in the context of a design issue, e.g. a skyscraper, urban planning, optimization of structures, facade components and others. Some lessons then focus on digital fabrication problems related to 3D printing, CNC milling or the effective use of laser cutting.

COMPUTER AIDED DESIGN V – GIS / 15121
|Elective, 8. sem., 1+1, Graded Assessment; MAG__AU__EN|

course teacher: Ing. Daniel Franke, Ph.D.

Planning is vastly dependent on the creation, gathering and evaluation of spatial data and information. The course is focused on introducing students to the information technologies used in the planning process. The main topics are an introduction to the leading Geographic Information System (GIS) solutions, principles of GIS functionality, GIS data and data models and, specifically, the basics of the spatial analyses used for urban planning. During the course, students elaborate the seminar paper targeted to GIS analysis or GIS data processing in relation with a selected urban planning problem. The course is led with an accent on the practical training in working with GIS software in a computer lab. The software used in this course is ESRI ArcGIS Desktop.

COMPUTER GRAPHICS I / 15116
|Elective; 9. sem.; 0+2; Graded Assessment; MAG__AU__EN|
|Elective; 9. sem.; 0+2; Graded Assessment; MAG__D__EN|

course teacher: Ing. arch. Kateřina Nováková, Ph.D.

In the Computer Graphics course students will learn to work with Photoshop, Illustrator, and InDesign. The graphic content of the work will be linked to students' experience of Prague. The final goal of the work is to make a collaboratively authored book with the students' personal impression of Prague in the form of a comic. Students will learn image processing, typography, editing, and layouts in the various software.

COMPUTER GRAPHICS FOR DESIGN / 15116
|Elective; 8. sem.; 1+1; Graded Assessment; MAG__D__EN|

course teacher: doc. MgA. Josef Šafařík, Ph.D.

Goals of the course unit. The aim of the course is to improve the presentation skills of students using the latest technical tools, skills and creative techniques in the fields of interactive art, performance, lighting and sound creation. These skills are developed within the Adobe Graphics Platform software. The subject is realised in cooperation with the Institute of FEL ČVUT.

CONTEMPORARY ARCHITECTURE / 15113
|Elective; 8. sem.; 2+0; Exam; MAG__AU__EN|

course teacher: prof. Ing. arch. Vladimír Šlapeta, DrSc., Hon. FAIA.

Lectures explaining the main currents of architecture development of the post-WW II period of the 20th century in Czechoslovakia and Central Europe with an emphasis on the issues of globalisation, contemporary societies and cities. The lectures are accompanied with excursions in Prague, Brno, Hradec Králové etc. Contents: From CIAM to Stalinism and back. Czech Architecture after WWII German Architecture after WWII. Finnish Architecture. Austrian Architecture. Alvar Aalto. Hans Scharoun. Socialist housing after WWII. Karel Hubáček and the SIAL group. Czech Architecture after 1989. Young generation in the Czech Republic.

CULTURAL LANDSCAPE I / 15114
|Compulsory; 7. sem.; 2+1; Assesment+Exam; MAG__LA__EN|

course teacher: doc. Ing. arch. Milena Hauserová, Csc., Ing. Klára Salzmann, Ph.D.

The aim of the course is to clarify that the cultural characteristics of the landscape, together with the natural integral part of its identity, and to show how human activity in the landscape manifested itself in the past and how traces of these processes are reflected in the current form of the landscape. The concept of teaching is based on acquaintance with the forms of important historical stages of the cultural landscape and with the processes that shaped them. This approach creates the preconditions for understanding the original context to which the phenomena whose residues are part of today's landscape image belonged.

Students will be guided to be able to identify the cultural values of the landscape and to study the conditions that condition the relative stability or transience of phenomena in the landscape and try to understand them. It is assumed that they will apply this knowledge to the design of landscaping. The course also introduces the student to the specifics of a multidisciplinary approach to the identification of cultural values of the landscape and to cooperation with relevant experts in related fields.

Excursions will be an integral part of teaching. Depending on the nature of the topic studied, experts from other related disciplines (nature protection, forestry and water management, archeology, botany, geology, etc.) will be involved in field teaching.

DESIGN COMPUTING I – BIM / 15123

|Elective; 7. sem.; 1+1; Graded Assessment; MAG__AU__EN|

course teacher: Ing. Aleš Marek, Ph.D.

BIM Building Information Modelling / Information Management Process. Basic information about BIM project planning; building information model of a building, systematically correct information flow in individual phases of construction and ways of sharing the information model (shared data environment CDE), construction participants and lifecycle of the building, new roles and processes in BIM implementation - risk benefits, designing and obstacles related, terminology - definition of BIM and its use in terms of new requirements for buildings (sustainable development and buildings with zero energy intensity). Also the use of data, databases, reports, data standards and, BIM from the static point of view, BIM from the point of view of HVAC, collision detection, bill of quantities, construction cost management, expert analyses, optimisation, legal aspects - copyright, intellectual property, contractual matters - BIM protocol , BIM Execution Plan, the role of the state in the implementation of the BIM method - digitisation of the process for building permits, public procurement, the obligation and voluntary use of BIM, technical standards and standards, European and worldwide context.

DESIGN COMPUTING II – ARCHITECTURE / 15116

|Elective; 8. sem.; 1+1; Graded Assessment; MAG__AU__EN|

course teacher: prof. Dr.-Ir. Henri Achten, Ph.D.

In this course, contemporary architecture is studied through the lens of computational methods. It shows how, in the past 30 years, the relationship between architecture, theory, materials, and computation has been transformed. Principles of parametric design, performative design, and generative design are presented and discussed in-depth through cases studies of key buildings and architects. Special attention is devoted to interactive architecture. A number of contemporary key issues in architectural theory are brought up in relation to computational approaches. Practical application in this course is tested through Arduino prototyping. Arduino enables the creation of interactive structures using sensors, controllers, and the Processing programming language. By creating a number of interactive applications, students will learn the basic technological principles of interactive architecture. Keywords - contemporary design methodology, advanced parametric design, rapid prototyping, AI, robotics, automation, simulation, analysis, optimization, CAD / CAM, data mining, advanced data processing.

DESIGN COMPUTING III – GEOMETRY / 15122
|Elective; 9. sem.; 1+1; Graded Assessment; MAG__AU__EN|

course teacher: RNDr. Jiří Šrubař, Ph.D., Ing. arch. Lukáš Kurilla, Ph.D.

Architectural modelling can no longer be done without computational geometry, which simplifies 3D work and speeds up design procedures. Whether traditional "handmade" design or sophisticated generational design, they rely on the capabilities that contemporary CAAD modelling software brings. Understanding the geometric principles and procedures in this environment gives architects the freedom to create. In addition, a well-educated architect gains the opportunity to streamline his or her work and eventually reuse existing problems through a parametric approach to modelling. In this way, multiple design options can be tested. Thanks to the generative model, various types of optimisation can be applied within the design - it can be anything from the level of sunshine of all residential spaces, to the sag in the structure to any area and volume ratios. Thanks to multi-criteria optimisation, solutions can be found which, moreover, fulfil several such criteria at the same time. In this course, practical applications are tested using Grasshopper (which works with Rhinoceros modeling software) and Dynamo (based on Revit software). Keywords - advanced geometry in architecture, mathematically described geometric objects, use of scripting.

DESIGN PROCESS METHODOLOGY / 15150
|Compulsory; 8. sem.; 2+1, Exam; MAG__D__EN|

course teacher: Jitka Aslan, MgA.

The course offers theoretical and practical insight into the design process methodology. Students will be acquainted with five basic stages of the design process and its methods and tools that are used in each phase. Special emphasis will be placed on methods of defining, ideating, prototyping, and testing. In the practical part, students will be encouraged to use some of these methods themselves while working on a studio assignment or any other project of their choice. The skills acquired in the course can be used especially in further work in studios and professional practice.

ECOLOGY II / 15121
|Compulsory; 8. sem.; 2+0; Graded Assessment; MAG__AU__EN|
|Elective; 8. sem.; 2+0, Graded Assessment; MAG__D__EN|

course teacher: Ing. arch. Petr Klápště, Ph.D.

Ecological problems become limiting factors in today's world. Concepts such as ecology, environment, natural resources, ecological crisis and, the

environmental pillar of sustainable development should become specific and graspable to the graduate. The course is divided into blocks: Fundamentals of General Ecology, Natural Resources – Characteristics, Use, Damage, Protection, Basics of Landscape Ecology and Nature Conservation, Use of Environmental Knowledge in Designing Buildings and Towns (Building Biology, Ecosystem Approach) to the environment.

ECOLOGY III – SOCIAL ECOLOGY / 15121

|Elective; 7. sem.; 2+0, Graded Assessment; MAG__AU__EN|
|Elective; 9. sem.; 2+0, Graded Assessment; MAG__D__EN|

course teacher: Henry W.A. Hanson IV, M.A. AIA, ASLA

Social Ecology: The subject deals with the relationship of man and the environment in landscape and settlements. It acquaints students with selected methods of socio-ecological research and the participation of citizens in the formation of the rural environment, the city and its socio-spatial structure. The theoretical part of the subject is based on concrete practical examples, which are processed by the students, who present them during the semester.

ECONOMICS / 15124

|Compulsory; 8. sem.; 2+1; Assessment+Exam; MAG__AU__EN|

course teacher: Ing. Václav Tatýrek, Ph.D.

Decision-making in building projects consists of both economic and non-economic criteria for design and its implementation, e.g. income - expenditures or cost - benefit analysis. Both general mathematical formulas, algorithms and the lecturers expertise and skills will develop the students knowledge of how to identify optimal strategies and to predict the outcome of strategic interactions within the project life cycle. Seminars are devoted to practical problems in the form of a case study „Create your own business in CZ by buying and refurbishing existing premises" (prefeasibility study) with emphasis on the construction work cost and the architects design team costing and pricing. Thus, the following crucial information is inevitable: total initial project costs, operating/manufacturing project costs in use, project life-time schedule, financing, externalities (EIA,IPPC) and CZ business environment assessment (PEST analysis) and construction work estimating (the bill of quantities, elemental cost analysis). The aim of the course: to furnish students/participants with adequate tools and techniques for competent assessment and strategic decision-making about capital investment projects under competitive and co-operative post-modern conditions.

ECONOMICS AND MANAGEMENT I / 15124
|Compulsory; 7. sem.; 1+1; Assessment+Exam; MAG__D__EN|

course leader: doc. Ing. Dana Měšťanová, CSc.
course teacher: Ing. Zbyněk Škoda, Ph.D.

Orientation of a graduate of the faculty in a market economy environment, basic concepts in the field of economics. Business activities in the field of design and architecture, establishment of company, characteristics of the subject of business, definition of the profile of graduate design, market analysis, marketing, financing and profitability of the business project, calculation, pricing, business strategy creation, business project, feasibility study. Keywords: Establishment of a business – trade, marketing, financing planning, business project - feasibility study. Objective of the course: To prepare a feasibility study for the realisation of a business project.

ECONOMICS AND MANAGEMENT II / 15124
|Compulsory; 8. sem.; 2+0; Exam; MAG__D__EN|

course leader: doc. Ing. Dana Měšťanová, CSc.
course teacher: Ing. Zdeněk Říha, Ph.D.

The course presents economics as a way of thinking and solving problems not only from today's point of view, but also from interesting examples of the masonry of economic thinking. Thematically, it is focused on the derivation of supply and demand curves as well as an, explanation of the principles of market equilibrium and comparative advantages. A special part is devoted to the theory of public choice and decision-making on public goods. Syllabus: 1. Introduction to economics, basic concepts. 2. Limits in economics. 3. Demand and supply, their derivation. 4. Market balance, perfect and imperfect markets. 5. Principle of comparative advantages. 6. The history of economic thinking. 7. Public goods. Externalities. 8. Theory of public choice. 9. The prisoner's dilemma, economic freedom. 10. Aggregate offer. 11. Gross Domestic Product. 12. Truth, unemployment. 13. Inflation, central bank rolels, the Phillips curve.

ECONOMY OF BUILT ENVIRONMENT / 15121
|Compulsory; 2. sem.; 2+1; Assessment+Exam; MAG__LA__EN|

course leader: doc. Ing. Dana Měšťanová, CSc.
course teacher: prof. Ing. arch. Karel Maier, CSc.

Selected questions from macroeconomics, economic efficiency - project economy, principles of measuring economy, quantities entering into the calculation of efficiency, capitalization, the concept of costs - their breakdown, total construction costs, prices, pricing of construction and design work, valuation of engineering activities. Investments, studies of investment opportunities, return, profitability, technical and economic feasibility.

Economy in the territory. The influence of the market and regulation on the spatial arrangement of cities and regions. Territorial development. Assessment of commercial development investment in the territory. Public investment.

HISTORY OF ARCHITECTURE I/II / 15113
|Elective; 7. sem.; 2+0; Exam; MAG__AU__EN|

course teacher: prof. PhDr. Pavel Kalina, Ph.D.

The aim of the course is to trace the most important features of Gothic cathedral architecture including its social context and building technology. Students should acquire the ability to interpret Gothic architecture according to its geometrical design and social function. Contents: The origins of Christian architecture. The Romanesque basilica. Gothic cathedrals in Western Europe. The beginnings of Gothic architecture in Bohemia. The Gothic cathedral of St Vitus: Matthew of Arras and Peter Parler. Architecture in use: liturgy and veneration of relics in the cathedral. Architecture and visual arts: sculpture and painting in the cathedral. Town and the Cathedral. Emmaus monastery and the New Town of Prague.

HISTORY OF ARCHITECTURE III/IV / 15113
|Compulsory; 8. sem.; 2+0; Exam; MAG__AU__EN|

course teacher: prof. PhDr. Pavel Kalina, Ph.D.

The aim of the course is to analyse the basic features of Baroque religious architecture, its formal language, its social background and its technology. Students should acquire the capacity to read Baroque architecture according to the theoretical principles of the age of its origin. Contents: Renaissance architecture - introduction. Art and architecture around 1600. The triumph of the Church - art and architecture after the battle of White Mountain. Tendencies in Prague art and architecture in the second half of the 17th century. High Baroque church as a Gesamtkunstwerk. St Nicholas Church and the churches of the Lesser Quarter. The decay of the Baroque world. St Michael's mystery - problems of monument care and the use of monuments.

HISTORY OF ART III / 15113
|Elective; 7. sem.; 0+2; Graded Assessment; MAG__D__EN|

course teacher: doc. PhDr. Jana Tichá, Ph.D.

IMPORTANT: This course is intended ONLY for students of the Design program. The course is divided into two blocks: 1.– 6.: The first block is aimed at the significance of cultural institutions for the origins of fine art and architecture and for the reproduction of cultural capital. It also deals with exhibition strategies of museums and galleries (particularly in the context of architecture). 7. – 13.: Artistic expressions, that often have stepped out of the

institutionalised art world from the 1960s up to present, will be presented within the framework of the second block. Attention will be paid primarily to Euro-American and Czechoslovak examples of site-specific, land-art, sculpture and spatial creation.

INTERIOR II – HISTORY OF INTERIOR / 15115

|Elective; 8. sem.; 2+0; Exam; MAG_AU_EN|
|Compulsory; 8. sem.; 2+0; Exam; MAG_D_EN|

course leader: prof. akad. arch. Vladimír Soukenka
course teacher: akad. arch. Marek Teska

The history of interior and furniture as a constant transformation of the relationship between aesthetic feeling and technological innovation of material processing and development. Relation between the technological and design possibilities of shaping to the resulting aesthetic effect. Time stamps of craft and expression. Typical attributes and milestones of individual epochs and their relation to material culture. Presentation of exhibition stands. Design and construction of current assembly systems.

INTERIOR III – HISTORY OF THEATRE / 15115

|Elective; 9. sem.; 2+0; Exam; MAG_AU_EN|
|Elective; 7. sem.; 2+0; Exam; MAG_D_EN|

course leader: prof. akad. arch. Vladimír Soukenka
course teacher: Ing. arch. Veronika Kastlová, Ph.D.

This subject focuses on the development of the architecture of theatre buildings and production areas. Attention is focused on the logic of the relation between the building typology and the development of the theatre, as a medium. Media that express the cultural and social tendencies of their time. These aspects then influence the formation of the scenic space and its technical equipment. Seminar work, which analyses historical theatre building and contemporary theatre building and, compares the different needs of the production space. Part of the course includes excursions to Czech theatre buildings and a visit to Laterna magika.

LANDSCAPE ARCHITECTURE I – INTRODUCTION / 15120

|Compulsory; 7. sem.; 2+1; Exam; MAG_AU_EN|

course leader: doc. PhDr. Jana Tichá, Ph.D.
course teacher: Ing. Radmila Fingerová

This course is about obtaining knowledge through sharing and developing ideas regarding the history of garden art and landscape architecture as well as contemporary trends of landscape architecture worldwide. Students write essays, do site research in Prague (historical gardens, parks, public spaces) and make a PowerPoint presentation concerning landscape architecture in their country.

LANDSCAPE ARCHITECTURE III – TECHNOLOGY / 15121
|Elective Requisite; 8. sem.; 2+0, Graded Assessment; MAG__AU__EN|

course teacher: Henry W.A. Hanson IV, M.A., AIA, ASLA

1. Introduction to landform and landform representation. 2. Perception and scale of the landscape experience. 3. Landform modeling. 4. Landform manipulation. 5. Surface water management. 6. Surface water management and soil erosion sedimentation control. 7. Landscape structures; pavement surfaces, design, detailing and performance. 8. Steps, ramps and railings; design and detailing. 9. Walls and slope structures; engineering, design and detailing. 10. Site structures for occupancy; sitting, walking, riding, gatherings. 11. Planting installation methods and detailing. 12. Site illumination. 13. Technical specification.

LANDSCAPE ARCHITECTURE IV / 15120
|Compulsory; 7. sem.; 2+0, Exam; MAG__LA__EN|

course leader: doc. Ing. arch. Ivan Plicka, CSc.

Public Space – Typology
The purpose of the course is to acquaint students with the principles of creating public spaces, its main typological forms and their specifics. Emphasis will be placed on potential users of these spaces, ergonomics, non-discriminatory accessibility, orientation, microclimate, lighting, greenery, furniture and its location, artwork, etc. In addition to traditional types of spaces such as squares, streets, gaps, embankments, passages, markets, parks and gardens will also be discussed thematically focused spaces such as cemeteries, monuments, representational spaces, sports grounds, amphitheatres, etc.

It will include a presentation of current trends and examples from around the world. The course will end with a detailed analysis and critique of the concept of form and function of the selected project and material treatise.

LANDSCAPE ARCHITECTURE THEORY I / 15113
| Compulsory; 9. sem.; 2+0; Exam; MAG__LA__EN|

course teacher: doc. PhDr. Jana Tichá, Ph.D.

The course gives the students an overview of theoretical reflection of designing landscapes and gardens in historical perspective. The focus is on the emancipation of landscape architecture theory in the second half of the 20th century and contemporary positions. Landscape architecture is discussed within a wider framework of cultural practice, with excursions into social sciences, philosophy, art and ecology. Key themes: landscape as language and representation; landscape and gender; landscape as a cultural product; landscape as a public space; landscape and urbanism;

landscape, ecology and infrastructure. The course combines lectures with more interactive approach, the students are required in the final sessions to prepare their own presentation and submit an essay on chosen theme.

LANDSCAPE CONSTRUCTION AND MANAGEMENT / 15124
| Compulsory; 7. sem.; 2+1; Assesment+Exam; MAG__LA__EN|

course leader: doc. Ing. Dana Měšťanová
course teacher: CSc., Ing. Pavel Borusík, Ph.D.

The course gives the students an overview of theoretical reflection of designing landscapes and gardens in historical perspective. The focus is on the emancipation of landscape architecture theory in the second half of the 20th century and contemporary positions. Landscape architecture is discussed within a wider framework of cultural practice, with excursions into social sciences, philosophy, art and ecology. Key themes: landscape as language and representation; landscape and gender; landscape as a cultural product; landscape as a public space; landscape and urbanism; landscape, ecology and infrastructure. The course combines lectures with more interactive approach, the students are required in the final sessions to prepare their own presentation and submit an essay on chosen theme.

LANDSCAPE PLANNING I / 15120
| Compulsory; 7. sem.; 2+0; Graded Assesment; MAG__LA__EN|

course teacher: prof. Ing. Petr Sklenička, CSc.

Theoretical background and applied principles of landscape planning. Fundamentals of applied and landscape ecology, hydrology, soil protection and other disciplines that directly affect the work of a landscape architect. General principles of reclamation and forest management planning and their overlap into spatial planning. The course supports synthetic thinking and the ability to respond creatively to the field dealing with the landscape and its elements in order to integrate planning activities in the landscape.

LAW / 15122
|Compulsory; 8. sem.; 2+0; Exam; MAG__AU__EN|
|Compulsory; 8. sem.; 2+0; Exam; MAG__D__EN|

course teacher: prof. Dr. Ing. Martin Pospíšil, Ph.D.

Czech legal system in the context of European and international law: Constitutional system (Legislative Power - Executive Power- Juidical Power; Legal system of acts, decrees, governmental regulations, standards; Regions and Municipalities; Public Law – Private Law; Substantive Law – Procedural Law) / Building Act and broader legal context / Space and urban planning / Building code / Administrative procedures according to the Building Act; general and special building authorities / External state authorities in

administrative procedures according to the Building Act / General technical requirements on structures / Technical standards / Competencies and duties of professionals according to the Building Act (activities of authorized persons, other persons with regulated activities and activities of authorized inspectors) / Heritage preservation / Charter of Architectural Education / Academic and professional recognition of education / Bologna process and European higher education area / Authorisation Act / Competencies and duties of chambers / Competencies and duties of authorised persons / Legal conditions of independent performance of the architectural profession / Contract between architect and client (as a private or a business person), design costs / Responsibility for a design of a building or a structure, author's supervision of the construction.

LOAD-BEARING STRUCTURES V / 15122

|Compulsory; 7. sem.; 2+1; Graded Assessment; MAG__AU__EN|

course teacher: prof. Dr. Ing. Milan Holický, DrSc.

Lectures explain basic principles of structural analysis and design of structural elements made of concrete, steel, masonry, and the design of foundations of common building structures. Presented design methods are primarily based on general principles included in international codes of practice including Eurocodes and on available software products. Explained general procedures are supplemented by practical examples using realistic data of loadings and material properties.

MATERIALS AND TECHNOLOGY V / 15150

|Compulsory; 7. sem.; 2+1; Assessment+Exam; MAG__D__EN|

course teacher: prof. Dr. Ing. Libor Beneš, Ph.D.

Goals of the course unit The subject acquaints students with the basic groups of technical materials, their properties, processing and utilisation by architects in the field of transport, buildings and other branches of industrial design. The subject will be taught by specialists from the Faculty of Mathematics and Informatics of CTU and invited practitioners. Within the framework of the exercises, students will be acquainted with the manner of choosing materials and evaluating their properties. Syllabus: 1. Distribution of metallic materials, their properties. 2. Processing of metals and development trends. 3. The use of metals in the building industry. 4. The use of metallic materials in transport and other industrial design industries. 5. Distribution of polymer materials, their properties. 6. Processing of polymers and development trends. 7. The use of polymerics in the building industry. 8. The use of polymeric materials in transport and other industrial design industries. 9. Distribution of composite materials, their properties. 10. Processing of composite materials and development trends. 11. Use of composite materials in the construction industry. 12. Use of composite materials in transport and other industrial design industries. 13. Nanomaterials and technical ceramics.

MODERN ARCHITECTURE / 15113
|Elective; 7. sem.; 2+0; Exam; MAG__AU__EN|

course teacher: prof. Ing. arch. Vladimír Šlapeta, DrSc., Hon. FAIA.

This course explores the tradition of modern architecture of 20th century in the Czech Republic and Central Europe with international interactions and influences. The lectures are accompanied with excursions in Prague, Brno, Hradec Králové etc. Contents: Czech Jugendstil and early modernism. Czech Cubism. The National Style and the Dutch influence. Josef Gočár. Kamil Roškot. Adolf Loos. Josip Plečnik. Czech Functionalism. Czechoslovak Werkbund and the Baba housing exhibition. Interactions with Bauhaus and Le Corbusier. Prague modern urban culture. Brno - a city of Modern Architecture. Zlín - the Baťa industrial city.

MONUMENT PRESERVATION THEORY AND PRACTICE / 15114
|Compulsory; 8. sem.; 2+1; Assessment + Exam; MAG__AU__EN|

course teacher: doc. PhDr. Josef Štulc

This course provides an introduction to the philosophy, ethic, methods and practices of the conservation of monuments, historic buildings, urban ensembles and landscapes in their historic development and current state. It gives basic information on historical and archaeological survey and documentation of monuments, their listing and legal protection in the Czech Republic. The current state of conservation practice, inclusive of the technological aspects will be demonstrated with selected illustrative cases. Attention will also be paid to the international context and collaboration in these fields.

MULTIMEDIA DESIGN / DESIGN AND TECHNOLOGY / 15150
|Elective, 7. sem., 2+1, Exam; MAG__D__EN|

course teacher: David Sivý, MgA.

The designer finds himself in the role of a person who determines how digital technologies are and will be used and how readable their use will be. Technology should be seen as a positive tool for discovery and not the other way around. The role of the designer is not always taken clearly enough to properly understand the consequences of his / her management and creation. The course aims to prepare students for the needs and requirements of contemporary design.

PLANNING I – URBAN PLANNING / 15121
|Compulsory, 7. sem., 2+1, Assessment+Exam; MAG__AU__EN|

course leader: doc. Ing. arch. Jakub Vorel, Ph.D.
course teacher: prof. Ing. arch. Karel Maier, CSc., Ing. arch. Petr Klápště, Ph.D.

Close links between architecture and urban planning are typical for Central and Southern Europe. While, for example, in the UK, the USA and Canada planning is a fully independent profession, most planners in the Czech Republic have an architectural background. This may enrich both architecture and planning as multi-disciplinary professions. Man and the environment. Planning, the environment and designing. Planning before planners. Medieval European towns. Planning in the Industrial Era. Comprehensive planning. Great European projects of the 20th century. Challenges for planning in the modern and post-modern eras. Analyses for plan-making. Land-use planning and its contemporary issues. European spatial planning. A case of planning and development - Prague I. A case of planning and development - Prague II. Sustainability and planning. Role of the planner. Planning ethics. Presentation of seminar papers (essays).

PLANNING II – SPATIAL AND STRATEGIC PLANNING / 15121
|Elective Requisite, 8. sem., 1+1, Graded Assessment; MAG__AU__EN|

course leader: doc. Ing. arch. Jakub Vorel, Ph.D.
course teacher: prof. Ing. arch. Karel Maier, CSc., Ing. arch. Veronika Šindlerová, Ph.D., Ing. arch. Petr Klápště, Ph.D.

Principles of urban planning as an intentional way of influencing urban change. Overview of the discipline of planning and its role in society. Methodology of plan-making. Opening session. Man and the environment. Planning, the environment and designing. Project will be discussed. Planning methodology I. Urban composition. Mental map. Planning methodology II. Surveys for planning. Land-use. Planning methodology III. Land-use plan, legal limits, plan-making. Deadline: survey drafts. Instruction for Constraints and Potentials Map. Topical lecture - a case of development. Project site analysis. SWOT analysis. Identification of issues for Strategy. Tutoring, discussion of strategies. Mock hearing of strategies. Local planning. Planning and zoning regulations. Final presentation.

PRODUCT ECOLOGY / 15150
|Elective; 8. sem.; 2+0; Exam; MAG__D__EN|

course teacher: doc. Ing. Vladimír Kočí, Ph.D., MBA

Goals of the course unit: The aim of the course is to provide students with a holistic overview of the interaction between human activities and the environment. It turns out that evaluating the acceptability of individual products only based on the environmental impacts of one of their stages, e.g. waste disposal or energy consumption, is inadequate and often misleading. In this course, students will be acquainted with the essence of the main environmental categories of impacts: global warming and climate change, loss of stratospheric ozone, the formation of photooxidants, acidification, eutrophication, ecotoxicity and persistent toxicity, depletion of raw materials,

reduction of biodiversity. A method of expressing contributions from different human activities to these categories of environmental impacts will be presented and will show how the future environmental impacts of products can be reduced at the design stage.

SMART URBANISM / 15121
|Elective Requisite; 8. sem.; 2+0; Assessment + Exam; MAG__AU__EN|

course leader: doc. Ing. arch. Jakub Vorel, Ph.D.
course teacher: doc. Ing. arch. Jakub Vorel, Ph.D., doc. prof. Ing. arch. Karel Maier, CSc.

In the course Smart Urbanism we illustrate how technological innovation has affected cities from history to the present, and on that basis we discuss future challenges and implications for urban planning and management. We focus in particular on the relationship of technological innovation to urban metabolism, urban morphology, land use, urban ecosystems, demography, mobility and urban society, and the way cities are understood and managed through data and information technology.

TEACHINGS OF DESIGN III / 15150
|Compulsory; 8. sem.; 2+0; Exam; MAG__D__EN|

course leader: prof. ak. soch. Marian Karel
course teacher: prof. ak. soch. Marian Karel, doc. MgA. Josef Šafařík, Ph.D.

The lectures include an overview of the professor's career in related fields, including a blend of aesthetics and techniques. The course is designed as a series of lectures and workshops that will be presented by guest lecturers with strong professional experience in the field of user research, product design and UX design. In order to achieve high usability of the products/services/interactions they conceive, designers need to have a deep understanding of the needs and desires of the end-users the products are for. This class aims at giving students a foundation in user psychology and practical tools for user research. The lectures will be completed by seminar work. Students will get a design brief and will have to use research as a base for their design proposals. The brief can also be solved in relation to the semestral briefs at the Department of Computer Graphics and Interaction, thanks to the cross-discipline collaboration of the FA and FEL CTU. The outcome of the project should be a research report, with a pdf presentation and prototype or model in suitable material/media.

TECHNICAL INFRASTRUCTURE II – URBAN UTILITIES / 15124
|Compulsory; 7. sem.; 2+1; Assessment+Exam; MAG__AU__EN|

course teacher: Ing. Zuzana Vyoralová, Ph.D.

Service systems form the technical infrastructure of settlements and urbanised spaces. They supply mass and energy and carry out transport as well as the transmission of information. They also remove waste and ensure its recycling and final disposal. In addition, energy systems are enriched by alternative resources of energy. The principles of sustainable development are discussed.

THEORY OF ARCHITECTURE AND ESTHETICS / 15113

|Elective, 9. sem., 1+1, Graded Assessment; MAG__AU__EN|
|Elective, 9. sem., 1+1, Graded Assessment; MAG__D__EN|

course teacher: Mgr. Martina Sedláková, M.A., Ph. D

The aim of the course is to introduce students to the theory of architecture. The key concepts of 20th century and contemporary architecture and their interpretation are emphasised in a wider cultural context. The relationship between architectural discourse and architectural creation is taken into account. The starting point is the theory of modernity, but the course is focused on the theory of architecture of the second half of the 20th century which has been influenced by structuralism, semiotics, phenomenology and poststructuralism. Also the contemporary approaches, reflecting the shift in new technological possibilities in architecture and society, are included. In connection with the architectural themes, students are also acquainted with the key concepts of aesthetics, which are relevant to architectural discourse.

THEORY OF DESIGN / 15113

|Compulsory; 7. sem.;1+1; Graded Assessment; MAG__D__EN|

course teachers: Mgr. Hubert Guzik, Ph.D., M.A. Klára Ullmannová

The course provides an overview of selected product (and graphic) design concepts and notions from the late 19th century to the present. The course focuses on ontological issues of design, the relationship between form and function, ornament, information visualisation theory and ecological responsibility of design. Students will be introduced to the diverse sociological aspects of the field, both from the point of view of the designer and of the user, including the feminist critique of design or the influence of subcultures on mainstream design. Attention will also be given to theoretical thinking about design as a marketing tool. Students will learn about selected aesthetic problems that are relevant to the theory of design, especially the kitsch phenomenon. Selected lectures will focus on text analysis.

URBANISM II – HISTORY / 15119

|Compulsory; 8. sem.; 2+0; Assessment + Exam; MAG__AU__EN|

course teacher: PhDr. Ing. arch. Lenka Burgerová, Ph.D.

This obligatory course concentrates on the basis for the understanding of problems of historical experience followed by topics concerning perception, evaluation and use of urban space and, concept and compositional problems in issues concerning various scales of urban areas. The seminar concentrates on the analysis of the morphology of selected urban spaces. Passing this subject is a condition for understanding the basic principles of urban design.

URBANISM III – THEORY / 15119

|Elective; 9. sem.; 1+1; Graded Assessment; MAG__AU__EN|

course teacher: doc. Ing. arch. Irena Fialová

This course familiarizes the student with the most important urban theories of the 20th and 21st century. The goal is to show the emergence and transformation of these theories on the background of social and economic development of the society. Students are guided to critical thinking, to analyze, evaluate, compare and recognize the impact of these theories on the city.

URBANISM IV – DESIGN / 15119

|Compulsory; 8. sem.; 2+1; Assessment+Exam; MAG__AU__EN|

course teacher: prof. Ing. arch. Jan Jehlík

Students will acquire information concerning urban design, morphology, topography and typology of settlement structures, relations between mass, space and activities in settlements, forms and structure of public space, infrastructure influences on an urban fabric and, new tendencies. What are the questions of today that require the search for answers? The next theme is suburbanisation and different types of urbanistic low-rise formations and buildings, including the problem of "urban sprawl". The last theme is countryside, villages and settlements in open space, historical and regional points of view, the nature of landscape frame within cadaster limits. Changes (transformations) within the countryside during the last century, namely in agriculture technologies, housing, transportation etc. Within the whole subject theoretical background will be combined with practical field studies.

V.

Other Activities at the FA

A.
Lifelong Learning Courses

Lifelong learning at CTU FA is governed by Act No. 111/98 Coll., as amended, and by the Code Governing Lifelong Learning at CTU. A participant in lifelong learning is not a student according to the law.

a: Thákurova 9, Praha 6;
w: www.fa.cvut.cz/en/applicants/lifelong-learning/list-of-courses

STUDY OF INDIVIDUAL SUBJECTS WITHIN ACCREDITED STUDY PROGRAMS:

Even someone who is not currently a student of the FA can, for a fee, complete the study of an individual subject. This option relates to the study of individual courses that in terms of content and credit are in line with the courses of accredited FA study plans. Participants in lifelong learning complete courses under the same conditions as students engaged in a regular course of study (they can only be persons who are not simultaneously regular students of the Faculty of Architecture).

Applicants must apply for admission by means of a written enrolment application, along with their chosen courses at the International Office, to Veronika Brejchová, at the latest by the end of the first week of the semester. The list of selected subjects must include a consent from the teacher regarding enrolment in the relevant course. Each participant in lifelong learning concludes a contract, which stipulates the amount for the completion of the selected subjects/courses. For the fee for completing individual courses inquire to Veronika Brejchová. This fee must be paid before the start of study to account number 19-5505650247/0100, variable symbol 148. After this, the payer receives a lifelong learning participant card.

In the event of admission to full-time study, the Dean may, upon written request, recognise courses completed within the framework of lifelong learning up to 60% of the total credit burden of the given study program.

DEPARTMENT OF FINE ARTS (15111)

a: Thákurova 9, Praha 6; t: +420 224 356 269;
w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/142-department-of-fine-arts

guarant of the course:
Akad. mal. Ing. arch. Ivan Vosecký, head of the Department of Fine Arts FA CTU
contact:
t: +420 224 356 269
form of teaching:
seminars, 1 lesson of 45 minutes
venue:
FA CTU, Thákurova 9, Praha 6 - Dejvice
form of teaching:
full-time
number of participants:
minimum 10, maximum 24 persons
entry requirements: application form with confirmation of course payment
document obtained:
certificate

Current courses for the given semester will always be presented on the Department of Fine Arts website. The exact date, time and place of the course, will be specified well in advance of the start of a specific course.

CABINET OF LANGUAGES (15126)

a: Thákurova 9, Praha 6; t: +420 224 356 231, +420 733 690 642;
w: www.fa.cvut.cz/en/faculty/organisational-structure/institutes/120-cabinet-of-languages

focus of the courses:
The Department of Languages 15126 offers paid general language courses (English, French, German, English conversation, Czech for foreigners and other languages if enough people are interested) for CTU students and staff and for general public outside CTU. For CTU students, the courses serve as preparatory courses for the obligatory examinations in professional language.

place:
Courses are held in seminar room 202 of the Cabinet of Languages (2nd floor) and in other rooms on the 4th and 6th floors of the new FA building, Thákurova 9, Prague 6.

course teacher:
PhDr. Kateřina Valentová

contact person:
PhDr. Kateřina Valentová
e: valentova@fa.cvut.cz; t: +420 224 356 231, +420 733 690 642

entry requirements:
submitting an application via the CTU website, section Lifelong Learning, see *https://czv.cvut.cz/* or by e-mail to valentova@fa.cvut.cz

number of participants:
10 participants in one course

date:
September–December: 13 weeks; February–May: 13 weeks

venue:
new CTU FA building, Thákurova 9, Prague 6-Dejvice

form of teaching:
practical courses, full-time

teaching aids:
equipment in rooms at the FA, including data projectors

tutors:
teachers at the Department of Languages CTU FA, outside teachers, native English teachers

currently available courses:

GENERAL LANGUAGE COURSES:
ENGLISH, FRENCH, GERMAN AND CZECH FOR FOREIGNERS

B.
Research Centre for Industrial Heritage FA

head:
PhDr. Benjamin Fragner

members:
Mgr. Lukáš Beran, Ph.D.
Mgr. Jan Zikmund, Ph.D.

The Research Center for Industrial Heritage at the department of Theory and History of Architecture – *vcpd.cvut.cz/en/* – is involved in the research, conservation and new use of technical monuments, industrial buildings and complexes.

The Research Center maps the industrial heritage of the Czech Republic – *www.industrialnitopografie.cz/index2.php* –participates in scientific, pedagogical, publication and public education activities during projects for the conservation of industrial heritage and commemorates the historical experience and goal of sustainable development.

The interdepartmental orientation connects the activity of a wide spectrum of professionals and institutions in the Vestiges of Industry platform – *www.industrialnistopy.cz*.

It is a member of the International Committee for the Conservation of the Industrial Heritage (TICCIH).

In 2016-2020, it was the promoter of the Industrial Architecture research project. A monument to industrial heritage as a technical/architectural work and as the identity of a place in the NAKI II program of applied research and development of national and cultural identity of the Czech Ministry of Culture.

C.
Architectural Student Association

"The Architectural Student Association should be a meeting platform at our faculty, whose aim is to initiate discussions on different topics not necessarily from the field of architecture."

IČO: 49 27 81 26; DIČ: CZ 49 27 81 26
a: FA ČVUT, Thákurova 9, 166 34 Praha 6; room 441
t: +420 225 391 111; e: info@spa-fa.cz; w: *www.spa-fa.cz*
FB: *www.facebook.com/spolekposluchacuarchitektury*
IG: *www.instagram.com/spa__fa__cvut/*

ABOUT THE ASSOCIATION

The Architectural Student Association |SPA| is an independent non-profit organisation that unites students of CTU FA and is open to all those who want to actively participate in the student life at the faculty.

The aim of our activities is to promote a public discussion about architecture and design, their meaning and position in today's world, to arouse interest in contemporary architecture and design in the general public, and to improve the quality of Czech architecture and design and the education system thereof. In particular, the association wants to defend the rights and interests of CTU students and to develop activities in their interest.

EXPERIENCE

Experiences are meetings in the Dejvice Clubhouse, where students, graduates, teachers or other personalities share what they think is worth sharing (experiences from foreign study and work internships, basic offices, participation in architectural competitions and workshops and many others).

BEANIE

The annual themed freshman and sophomore welcome. There is a festive ceremony, reading of the Ten Commandments and live music and DJs in the evening. The Beanie is held in a different setting and with a different theme each year.

FA NONSTOP

The FA is open NONSTOP during the last week before the submission of studio work. The Association takes care of cultural and sporting activities during this week, which is thus not only about clicking, but also about fun and enjoyment.

OLOVĚNÝ DUŠAN (DUŠAN MADE OUT OF LEAD)

"Olověný Dušan", however strange, is the name of an iconic student competition, which is the most prominent event organised by the Association. Dušan is a recognition of the work of students and their teachers, which stems from a creative idea, progressiveness, quality and level of processing. Its main goal is to gain an independent view of the quality of teaching and creative practice at the Faculty of Architecture CTU. You can get to know Dušan at *www.olovenydusan.cz.*

CULTURE AT FA

In an effort to bring culture into our concrete home, we bring a variety of events under our studio windows every Thursday. Alongside the regular tapping of a popular Czech drink, we screen films or co-host discussions on pressing faculty topics. This concept is in its infancy and ideas for further development are more than welcome.

OTHER EVENTS OF THE ASSOCIATION

These are irregular workshops, competitions, excursions, discussions or other events that may arise.

MEMBERSHIP IN THE ASSOCIATION

If you want to participate in the activities of the Association and events at the faculty, stop by the Association office in room 441, post on any Association social networking site, or find the nearest member. We would love to see you!

You can find us on *www.facebook.com/spolekposluchacuarchitektury, www.instagram.com/spa__fa__cvut/ and www.spa-fa.cz.*

VI.

Internal Regulations CTU|FA

CTU rules

- Statute of CTU
- Study and Examination Rules for Students at CTU
- Rules for Granting Scholarships of CTU
- Disciplinary Code for Students of CTU
- Code of Ethics of CTU
- Electoral Code of the Academic Senate of CTU
- Rules of Procedure of the Academic Senate of CTU

www.cvut.cz/en/internal-ctu-regulations

FA rules

- Statute of FA CTU
- Electoral Code of the Academic Senate of FA CTU
- Rules of Procedure of the Academic Senate of FA CTU
- Dean's Directive Rules of Study at the FA CTU
- Dean's Directive State Final Examinations of FA CTU

www.fa.cvut.cz/en/faculty/official-notice-board

www.fa.cvut.cz/en/study/general/study-regulations

FA admission procedure

- Dean's Directive Rules of Study at the FA CTU
- Dean's Directive State Final Examinations of FA CTU

www.fa.cvut.cz/en/applicants/admission/admission-procedure

ENGLISH LANGUAGE STUDY PROGRAMS
Academic Year 2022/23

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