

COURSE CATALOGUE
MASTER PROGRAMME

2023/24
ARCHITECTURE AND URBANISM

SEMESTER 7				
courses	ECTS credits	form	contact hours per week	completion
Architectural Design 7 AD7	12	L+ST	2+6	SW
Architecture and City 1 AC1	3	L+S	1+1	SW
Urban Planning 1 UP1	5	L+S	2+2	SW+E
Building and Construction Methods BM	3	L+S	1+1	SW+E
Critical Writing 1 CW1	3	L+S	1+1	SW
Psychology and City PS	2	L	2	SW
Development DE	2	L+S	1+1	SW

SEMESTER 8				
courses	ECTS credits	form	contact hours per week	completion
Architectural Design 8 AD8	12	L+ST	2+6	SW
Architecture and City 2 AC2	3	L+S	1+1	SW
Urban Planning 2 UP2	5	L+S	2+2	SW+E
Contemporary Building Materials CBM	3	L+S	1+1	SW+E
Contemporary Architecture and Architectural Theories CAT	3	L	2	SW+E
Monument Preservation 2 MP2	2	L+S	1+1	SW+E
Professional Ethics PET	2	L	2	SW

SEMESTER 9				
courses	ECTS credits	form	contact hours per week	completion
Architectural Design 9 AD9	12	L+ST	2+6	SW
Architecture and City 3 AC3	3	L+S	1+1	SW
Urban Planning 3 UP3	5	L+S	2+2	SW+E
Architectural Detail 1 ADE1	3	L+S	1+1	SW+E
Research in Architecture RA	3	L	2	SW+E
Landscape Architecture LA	2	L+S	1+1	SW
Pre-diploma Research Seminar PRS	2	L+S	1+1	SW

SEMESTER 10				
courses	ECTS credits	form	contact hours per week	completion
Architectural Design 10 AD10	20	L+ST	2+10	SW+E
Architectural Detail 2 ADE2	2	S	2	SW
Project presentation and Graphics PPG	4	L+S	1+3	SW
Critical Writing 2 CW2	4	L+S	2+2	SW

ST – studio work, W – workshop, L – lecture, S – seminar, SW – semestral work, E – exam

Architectural Institute in Prague is an accredited private college operating with the permission on state authority under Section 39 of the Act No. 111/1998 Coll., on higher education, taking the form of a decision of the Ministry of Education, Youth and Sports of the Czech Republic dated on April 29, 2010 – ref.no.11002/2010-30.

Architectural Design 7		AD7
Preceding Module: None	Responsible Person: Jaroslav Wertig	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Architectural Design 7	
Course Code	AD7	
Professor(s):	Studio Leaders S-F _ Janek Schindler + Elan Fessler T-J _ Shota Tsikoliya + Ondřej Janků W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	112	
ECTS (Credits):	12	
Method of Instruction:	Lecture and Studio Work (L + ST)	
Examination Form:	Assignments, Projects & Presentation - Semestral Work (SW)	
Learning Expectations and Outcomes:	Integrating economics, sociology and political science with the design, while evolving and presenting design strategies at various scales of planning. Investigating relations with the urban environment and psychology and the impact of the city/site on the human psyche. Understanding construction materials and details, including the implicit costs and economics, as well as phasing, planning and coordinating across disciplines. Communicating the concept and values of the project through investigating their various implications upon the social and physical environment, in a systematic and structured way, graphically orally and verbally.	
General Course Description:	A series of tasks will develop the projects from conceptual schemes. Group discussions will introduce each task. Desk consultations will take place at each meeting (Tuesdays and Fridays) and studio pin-ups will take place according to the schedule. Students can also choose to have consultations in a wall pin-up format. There will be three phases of the semester: research+concept, design+project development, presentation+final submission. The 1st phase, leading to Concept Presentation, has 4 clear parts: thematic research, "moments", "dialogues", and "situations".	

The 2nd phase, leading to Development Presentation, has 2 clear themes developed through 3 phases: Materiality + Environment (both internal and external), from schematic concepts, through technical specifications and details, to developed architectural form.

The 3rd phase, leading to Final Submission, has 2 parts: project completion and project presentation, which develop architectural qualities, components, and representation of the project in response to feedback from the Project Presentation, and the final presentation of the work in posters and portfolio (with final requirements to be given) making, observing, decision-making.

Architecture and City 1		AC1
Preceding Module: None	Responsible Person: Radek Kolařík	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Architecture and City 1	
Course Code	AC1	
Professor(s):	Radek Kolařík	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lecture (L) + Seminar (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • precisely identify the assignment • interpret thoughts developed during seminars • compare their visions with recent trends and classmate's ones • explore and compare recent trends in strategies for particular urban scale • explain and discuss their seminar work evolution 	
General Course Description:	<p>Scheme of all three AC semestral works (AC1,2,3) is based on training students in communication with potential client. Fundamental part is embodied in urban vision elaborated under supervision of the tutor. This will be the subject to reflections of related points of view (developers, economic, social, socio-economical, etc.) under supervision of the tutors of following modules.</p> <p>Principle: semestral work of each semester is dedicated to certain (elemental) urban scale: AC1–City AC2–Locality AC3–Public space</p> <p>Each individual AC-semestral work (valid for all three subjects AC1, AC2, AC3), based on booklet template will include following phases (matching the habitual advancement of practicing architect):</p>	

Analysis

Analysis will be prepared in small groups as a teamwork. Each team is responsible for explicit outputs and their mediation to others. Final analytical part of the booklet (individually completed) will contain all relevant parts, incl. those prepared by others.

Individual analytical part will result in and include conclusions, which will serve as starting point for the next phase–i.e., Concept.

Concept

Concept work in process will result in one solution (individual), which will be adequately thoroughly elaborated in last phase–Proposal (final design). Concept will be developed individually and discussed collectively.

Proposal

Final design will represent complex idea of the assignment that implies coherent study expressed in in words, drawings and other means, specified in booklet template. Proposal will be elaborated individually and discussed collectively.

Inputs and outputs for each subject field are adjusted to particular site of interest each semester, specified in booklet template. Particular booklet template contains basic obligatory parts, which may be subject to amendment as a consequence of midterm consultations and development of the work.

Consultations of the work in progress will be provided during semester on "Semestral work–consultations" and "Midterm presentations and feedback" seminars.

Course Materials:

KOOLHAAS, Rem, Bruce MAU, Jennifer SIGLER a Hans WERLEMANN. *Small, medium, large, extra-large: Office for Metropolitan Architecture, Rem Koolhaas, and Bruce Mau*. 2d ed. New York, N.Y.: Monacelli Press, c1998. ISBN 1885254865.

KOOLHAAS, Rem. *Delirious New York: a retroactive manifesto for Manhattan*. New York: Monacelli Press, 1994.

GUALLART, Vicente. *GeoLogics: geography information, architecture*. Barcelona: Actar, 2008. ISBN 978-84-95951-61-8.

MAAS, Winy, Jacob van RIJS a Richard KOEK. *FARMAX: excursions on density*. Rotterdam: 010 Publishers, [1998]. ISBN 9064502668.

VIGNELLI, Massimo. *The Vignelli canon*. Milano: Postmedia, [2012]. ISBN 9788874900664.

DIENER, Roger, Jacques HERZOG a Milica TOPALOVIC. *The Inevitable Specificity of Cities*. Zürich: Lars Müller Publishers, [2015]. ISBN 978-3-03778-374-0

HILBERSHEIMER, Ludwig. *Metropolisarchitecture*. New York: Columbia Books on Architecture and the City, [2012]. ISBN 978-1-883584-75-7

KYTAYAMA KO, Tsukamoto Yoshiharu. NISHIZAWA Ryue. *Tokyo metabolizing*. Tokyo: TOTO Shuppan, [2010]. ISBN 9784887063129.

Urban Planning 1		UP1
Preceding Module: None	Responsible Person: Zuzana Tittl	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Urban Planning 1_Pillars of Planning	
Course Code	UP1	
Professor(s):	Zuzana Tittl Luděk Sýkora	
Contact Hours per Semester:	56	
ECTS (Credits):	5	
Method of Instruction:	Lectures (L) + Seminar (S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	Module graduates will be able to critically assess the relevance of urban policies to the needs of the community and to global social and economic change experienced by cities around the world. Knowledge and skills obtained in this course will be further developed in UP2: Urban Regeneration and UP3: Urban Design.	
General Course Description:	<p>This module summarizes the main concepts and theories that form the framework of contemporary understanding of the city and its inhabitants with strong emphasis on cities of the Global North. It integrates approaches of economics, sociology and political science. Its range provides theoretical grounding for urban planners and architects.</p> <p>All together 10 lectures each of 90 minutes are the principal module input covering topics of urban planning systems. Lecture materials will be made available in the IS after the lecture. Lectures will provide theoretical grounding and practical knowledge.</p>	
Course Materials:	<p>Reading materials uploaded for all course topics on the IS compliment lectures and form an integrated part of the course. Students are required to pay attention to study these materials on a weekly basis as a preparation for the course exam. The aim of the seminars is to discuss key texts related to the lecture topics. The tutor will motivate students to critically assess authors' arguments and put them in context.</p>	

Building and Construction Methods		BM
Preceding Module: None	Responsible Person: Julie Maddox	Accessibility of Course: MA Arch Compulsory
Prerequisites: knowledge of the design and construction process, structural systems and materials	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Building and Construction Methods	
Course Code	BM	
Professor(s):	Julie Maddox	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures (L) + Seminars (S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • Identify main building and structural system, common enclosure techniques, and foundation types. Students should also be able to name major construction equipment as well as temporary structures used during the construction process, describing how and why they are needed. • Interpret language from local building codes, project specifications and construction documents. • Compare various construction activities and site organization requirements during construction. • Explore and compare various building envelope performance issues and begin to understand detailing requirements from the construction perspective. • Explain and discuss how different design decisions impact the construction process and the architect's role through the design and construction process. 	
General Course Description:	Understanding construction materials and detailing is paramount for the success of any project. If a building isn't put together well and coordinated across disciplines with appropriate materials, even the most innovative design concepts won't be lasting. This course is designed as an introduction to building	

	construction methods and practices. Following the completion of the course, students will have gained a general familiarity with standard construction practices, site organization and planning.
Course Materials:	<p>Allen, E., Iano, J., <i>Fundamentals of Building Construction: Materials and Methods, Sixth Edition</i>, John Wiley & Sons, Hoboken, New Jersey, USA, 2014</p> <p>Allen, E., Iano, J., <i>The Architect's Studio Companion: Rules of Thumb for Preliminary Design, Fifth Edition</i>, John Wiley & Sons, New York, USA, 2012</p> <p>Ching, F.D.K., <i>Building Construction Illustrated, Fourth Edition</i>, John Wiley & Sons, New York, USA, 2008</p> <p>Doing Business; "Dealing with Construction Permits" http://www.doingbusiness.org/data/exploretopics/dealing-with-construction-permits</p>

Critical Writing 1		CW1
Preceding Module: None	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: Basic familiarity with the history of architecture and the history of architectural theory, from the early 20th century to the present.	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Critical Writing 1	
Course Code	CW1	
Professor(s):	Elan Fessler	
Contact Hours per Semester:	40	
ECTS (Credits):	3	
Method of Instruction:	Lecture and Seminar (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	The course is a tool to develop each student's verbal, written, and analytical skills, specifically in regard to 'reading between the lines', and to framing and reframing a given argument. Students will develop, first, a theoretical understanding of the structure of language and analysis, types of signs, techniques for writing, as well as an overview of critical works, thinkers and writers that bridge language and architecture. Students will gain familiarity with individuals, texts and ideas that have formed architectural discourse and production over the past 120 years. The theoretical, analytical and historical content of the course will be supplemented with a more technical methodological part concerned with the framing, outlining and developing of a thesis statement through a clearly structured argument	
General Course Description:	This course is the first part of a continuum linking 4 courses: CW1, CAT, PRS, CW2. It is the most theoretical, and also introduces practical methods to be used in the next semesters (specifically deconstructing texts, outlining arguments and thinking critically). This course could also be called "Architectural Texts". Texts and themes will be introduced and discussed before being assigned as take-home readings. The course is divided into 3 sections (divided by quizzes): 1) the structure of signs and language (paradigm shifts of the early 20th century); 2) indeterminacy as subject and object (paradigm shifts of the late 20th century); 3)	

	<p>digitality and hybridity (new paradigm shifts of the early 21st century). The course will, in general, concern the reading and the writing of text, and consequently both the constructing and the deconstructing of 'meanings'. Rather than the descriptive 'how to say what?' (effect), our concern will be the speculative 'what to say how?' (affect). As opposed to literal and visual, we will focus on analogical and relational. A course called 'Critical Writing' requires an understanding of 'what is criticality?' and 'what is writing?'. This requires an understanding of 'what is value' and "what is language"?, which requires an understanding of 'what are signs?'. This, subsequently, requires an understanding of the history of the cultural systems, codes and structures of meaning which construct narratives. This, in turn, requires a rereading of established 'truths'.</p>
<p>Course Materials:</p>	<p>Barthes, Roland. "The Death of the Author." <i>Image-Music-Text</i>, translated by Stephen Heath, Hill and Wang, 1978, pp.142-149.</p> <p>Deleuze, Gilles. "The Diagram." <i>Francis Bacon: The Logic of Sensation</i>, translated by Daniel W. Smith, University of Minnesota Press, 2003.</p> <p>Derrida, Jacques. "The Deaths of Roland Barthes." <i>The Work of Mourning</i>, translated by Pascale Anne Brault, University of Chicago Press, 2003, pp. 33-37.</p> <p>Eisenman, Peter. "Diagram: An Original Scene of Writing." <i>Diagram Diaries</i>, Universe Publishing, 1999.</p> <p>Eisenman, Peter. Editor's Introduction. <i>The Architecture of the City</i>, by Aldo Rossi, MIT Press, 1982, pp.3-11.</p> <p>Freud, Sigmund. "A Note upon the 'Mystic Writing Pad'." <i>General Psychological Theory</i>, Chapter XIII, 1925.</p> <p>Hays, Michael J.. "Analogy." <i>Architecture's Desire: Reading the Late Avant Garde</i>, MIT Press, 2012, pp.81-90.</p> <p>Kipnis, Jeffrey. <i>/Twisting the Separatrix/</i>. "A Question of Qualities: Essays in Architecture", MIT Press, 2013, pp.231-286.</p> <p>Lynn, Greg. "Folding in Architecture (1993)." <i>The Digital Turn in Architecture 1992–2012</i>, Edited by Mario Carpo, 2013, John Wiley & Sons Ltd, pp.28-47.</p> <p>Rossi, Aldo. "Introduction to the First American Edition by Aldo Rossi." <i>The Architecture of the City</i>. MIT Press, 1982, pp. 12-19.</p> <p>de Saussure, Ferdinand. <i>Course In General Linguistics</i>, translated by Wade Baskin, New York, Philosophical Library, 1959, pp. 66-70, 111-122.</p> <p>Tafuri, Manfredo. "Introduction: The Historical 'Project'." <i>The Sphere and the Labyrinth: AvantGardes and Architecture from Piranesi to the 1970's</i>, MIT Press, 1987, pp.. 1-21</p>

Psychology and City		PS
Preceding Module: None	Responsible Person: Ryan Manton	Accessibility of Course: MA Arch Compulsory
Prerequisites: to be able to write an academic text	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Psychology and City	
Course Code	PS	
Professor(s):	Ryan Manton	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Lecture (L)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>The primary objective of this course is to explore how architecture and urban design influence human psychology and how design can play a key role improving the quality of life. Students should learn about and be able to discuss the key elements of design that effect human psychology and be able to cite some research that has explored this. In addition, students should be aware of how psychology and urbanism are explored culturally – for example how literature, film and music represent the city and our feelings.</p>	
General Course Description:	<p>This course will explore how architecture and urban design influence human psychology and how good design can play a key role in improving the quality of life. We will study the elements of urbanism that lead to happier, safer, and more productive cities, in addition to the failures of the past. We will examine research and case studies to explore these areas, looking at examples both internationally and closer to home. Analysing the speculative consequences of the various actor’s influencing the city, including the real-estate market, politics, economics and popular culture, students will explore these various themes through lectures, readings, and class discussion in order to comprehend the complex relationship of the city to its inhabitants. The course aims to equip students with practical knowledge and a skillset to design with awareness of psychology, however we will also draw upon the cultural representation of psychology and urbanism through historical and contemporary literature, film, and music.</p> <p>The course will be structured around the following format, including 7 primary themes focused on the psychological causes and effects:</p> <ol style="list-style-type: none"> 1. The Human Condition – <i>who we are, why humans live in cities, what we need</i> 2. Public Space – <i>the notion and types of public space, crime</i> 	

3. Working – *the new world of working, service vs traditional industries and their effect of cities, the 15-minute city*
4. Living – *community, how we live, adaptability, new models of housing and co-living*
5. Walking Tour in Prague
6. Playing – *parks and recreational areas in cities, the night-time economy*
7. Learning – *schools and the city, lifelong learning, crafts and dying industries*
8. Health – *what makes cities healthy, hospitals and care, innovation*
9. Final Student Film Presentations

Course Materials:**Books**

Glaeser, Edward (2012). *Triumph of the City*, Pan Books, London

Montgomery, Charles (2015). *Happy City: Transforming our Lives Through Urban Design*, Penguin, London.

Sennett, Richard (2018). *Building and Dwelling: Ethics for the City*, Penguin, London.

Simmel, Georg (1903). *The Metropolis and Mental Life*, Blackwell Publishing, New Jersey.

Online Articles

Coldwell, W. (2019). 'Co-living': the end of urban loneliness – or cynical corporate dormitories?'

The Guardian, Available at: <https://www.theguardian.com/cities/2019/sep/03/co-living-the-end-of-urban-loneliness-or-cynical-corporate-dormitories> (accessed: 11.08.23)

Curry, A. (2023). 'The future of cities and the future of work' Resilience, Available at: <https://www.resilience.org/stories/2023-02-22/the-future-of-cities-and-the-future-of-work/> (accessed: 11.08.23)

Ellard, C. (2014) 'Cities and their psychology: how neuroscience affects urban planning', The Guardian, Available at: <https://www.theguardian.com/cities/2014/feb/04/cities-psychology-neuroscience-urban-planning-study> (accessed: 23.07.23)

Keegan, M (2020). 'Why cities are not as bad for you as you think' BBC, Available at: <https://www.bbc.com/future/article/20201201-the-surprising-upside-to-living-in-cities> (accessed: 02.08.23)

Murray, C (2019). 'Are humans built for living in cities?' The RSA, Available at: <https://medium.com/rsa-journal/states-of-mind-8b0580ff54f0> (accessed: 05.08.23)

Pascal (2014). 'Why learning is central to city futures - A policy briefing from PASCAL International Observatory', Available at: <https://pascalobservatory.org/pascalnow/pascal-activities/news/why-learning-central-city-futures-policy-briefing-pascal-internatio> (accessed: 10.08.23)

Thomson, L. (2017), 'Psychogeography: a way to delve into the soul of a city' The Conversation, Available at: <https://theconversation.com/psychogeography-a-way-to-delve-into-the-soul-of-a-city-78032> (accessed: 10.08.23)

Development		DE
Preceding Module: None	Responsible Person: Pavel Satorie	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1 st Semester of MA Programme, Winter Term
Course Title	Development	
Course Code	DE	
Professor(s):	Pavel Satorie	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Lecture and Seminar (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • Identify individual parts of development process • Interpret developer’s thought and goals • compare goals of architect and developer • explore and compare a goal of third parties in a development’s process • explain and discuss architect’s and developer’s relationship 	
General Course Description:	<p>In this course, students will learn about basic process of development especially in the residential sector. Legal procedures are focused on Czech legislation. Authorization is governed by the legislation of the country of origin. A main goal of the course is to clarify a developer’s thought and strengthen mutual understanding.</p>	
Course Materials:	<p>Peiser, Richard B; Hamilton, David: <i>Professional Real Estate Development</i>, The ULI Guide to the Business, Washington, DC : Urban Land Institute, 2012</p> <p>Squires, Graham; Heurkens, Erwin: <i>International Approaches to Real Estate Development</i>, London; New York : Routledge, 2015</p> <p>Tiesdell, Steve, Adams, David: <i>Urban Design in the Real Estate Development Process</i>, Oxford : Wiley-Blackwell, 2011</p> <p>Bender, Steven: <i>Modern real estate finance and land transfer: a transactional approach</i>, New York: Wolters Kluwer Law & Business, 2013.</p>	

Architectural Design 8		AD8
Preceding Module: AD7	Responsible Person: Jaroslav Wertig	Accessibility of Course: MA Arch Compulsory
Prerequisites: AD7	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Architectural Design 8	
Course Code	AD8	
Professor(s):	Studio Leaders S-F _ Janek Schindler + Elan Fessler T-J _ Shota Tsikoliya + Ondřej Janků W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	112	
ECTS (Credits):	12	
Method of Instruction:	Lecture and Studio Work (L + ST)	
Examination Form:	Assignments, Projects & Presentation - Semestral Work (SW)	
Learning Expectations and Outcomes:	<ul style="list-style-type: none"> • At the end of the fourth year: • You have the skills to create and communicate complex spatial projects in architecture and urbanism, interweaving programmed interiors with public space, structural systems and construction technologies, and to represent them in clear and highly articulated sets of drawings and models. • You are pursuing a systematic design process that can be harnessed with confidence to communicate the project's complex relations to its environment and to its own criteria, integrating multiple forms of representation to produce rigorous, poetic, and inventive architecture by the deadline. • You work iteratively, always producing several variations in any step of the process, investigating environmental complexity, conceptual and technical developments at multiple scales. • You seek feedback from multiple consultants, and incorporate it productively into your design process. • You apply a systematic approach to the given, external circumstances of the project (site, precedents, materials, spaces, building types, programs, environmental factors etc.), and seek to establish systems, geometries, and rules to generate coherent, rich design. • You have command of skills and knowledge, and can select 	

	<p>appropriately from a wide array of architectural drawing and representation tools, at scales between the city and detail, for the most effective, efficient, and elegant results.</p> <ul style="list-style-type: none"> • You apply, develop and critically evaluate the most relevant research skills for the project, and begin to understand its influences within the complexity of the contemporary city. • You have begun to explore how to integrate contemporary materials and methods, theory and construction into architectural design, and use that understanding to create a complex project. • You are able to make well-constructed models, and you make use of models throughout the design process as a tool of thinking-through, testing, synthesising and representing complex ideas. • You are able to interpret and to situate the project within an historical context and in terms of contemporary theory, and to describe "what is architecture?" both technically and poetically.
<p>General Course Description:</p>	<p>Integrating economics, sociology and political science with the design, while evolving and presenting design strategies at various scales of planning. Investigating relations with the urban environment and psychology and the impact of the city/site on the human psyche. Understanding construction materials and details, including the implicit costs and economics, as well as phasing, planning and coordinating across disciplines. Communicating the concept and values of the project through investigating their various implications upon the social and physical environment, in a systematic and structured way, graphically, orally and in writing.</p>

Architecture and City 2		AC2
Preceding Module: AC1	Responsible Person: Radek Kolařík	Accessibility of Course: MA Arch Compulsory
Prerequisites: AC1	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Architecture and City 2	
Course Code	AC2	
Professor(s):	Radek Kolařík	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lecture (L) + Seminar (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • precisely identify the assignment • interpret thoughts developed during seminars • compare their visions with recent trends and classmate's ones • explore and compare recent trends in strategies for particular urban scale • explain and discuss their seminar work evolution 	
General Course Description:	<p>Scheme of all three AC semestral works (AC1,2,3) is based on training students in communication with potential client. Fundamental part is embodied in urban vision elaborated under supervision of the tutor. This will be the subject to reflections of related points of view (developers, economic, social, socio-economical, etc.) under supervision of the tutors of following modules.</p> <p>Principle: semestral work of each semester is dedicated to certain (elemental) urban scale: AC1–City AC2–Locality AC3–Public space</p> <p>Each individual AC-semestral work (valid for all three subjects AC1, AC2, AC3), based on booklet template will include following phases (matching the habitual advancement of practicing architect):</p>	

	<p><u>Analysis</u> Analysis will be prepared in small groups as a teamwork. Each team is responsible for explicit outputs and their mediation to others. Final analytical part of the booklet (individually completed) will contain all relevant parts, incl. those prepared by others. Individual analytical part will result in and include conclusions, which will serve as starting point for the next phase–i.e., Concept.</p> <p><u>Concept</u> Concept work in process will result in one solution (individual), which will be adequately thoroughly elaborated in last phase–Proposal (final design). Concept will be developed individually and discussed collectively.</p> <p><u>Proposal</u> Final design will represent complex idea of the assignment that implies coherent study expressed in in words, drawings and other means, specified in booklet template. Proposal will be elaborated individually and discussed collectively.</p> <p>Inputs and outputs for each subject field are adjusted to particular site of interest each semester, specified in booklet template. Particular booklet template contains basic obligatory parts, which may be subject to amendment as a consequence of midterm consultations and development of the work.</p> <p>Consultations of the work in progress will be provided during semester on "Semestral work–consultations" and "Midterm presentations and feedback" seminars.</p>
Course Materials:	<p>LEHNERER, Alex. <i>Grand urban rules</i>. Rotterdam: 010 Publishers, 2009. ISBN 9789064506666.</p> <p>MIKOLEIT, Anne a Moritz PURCKHAUER. <i>Urban code: 100 lessons for understanding the city</i>. Cambridge, Mass.: MIT Press, c2011. ISBN 0262016419.</p> <p>ODA, New York. <i>Unboxing New York</i>. New York, NY: Actar Publisher, 2018. ISBN 9781945150777.</p> <p>OMA. <i>Palermo Atlas</i>. Palermo: Foundation Manifesta, [2018]. ISBN 9788899385439.</p> <p>DIENER, Roger, Jacques HERZOG a Milica TOPALOVIC. <i>The Inevitable Specificity of Cities</i>. Zürich: Lars Müller Publishers, [2015]. ISBN 978-3-03778-374-0</p>

Urban Planning 2		UP2
Preceding Module: UP1	Responsible Person: Zuzana Tittl	Accessibility of Course: MA Arch Compulsory
Prerequisites: Knowledge and skills obtained in UP1 Pillars of Planning	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Urban Planning 2_Urban Regeneration	
Course Code	UP2	
Professor(s):	Zuzana Tittl Luděk Sýkora Zbyněk Sperát Jan Richtr	
Contact Hours per Semester:	56	
ECTS (Credits):	5	
Method of Instruction:	Lectures (L) + Seminar (S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • explain some of the main theoretical perspectives on urban growth, urban decline and define sustainable urban regeneration of cities, • analyze a (re)development site's physical, social, economic, political and funding context and potential, • identify major actors of regeneration processes and explain relevant mechanisms necessary to secure material, political and financial feasibility of urban development and regeneration projects and apply them on a real-life case study, • apply key principles of transportation policies in a spatial planning project, • develop a simple regeneration strategy for a redevelopment site paying attention to principles of financial feasibility and social sustainability, • use set of skills for effective team work and time management. 	
General Course Description:	In this course, students will learn about urban decline and urban regeneration in its social, economic, environmental, and spatial aspects. It gives students the opportunity to turn theory into practice through the completion of one real-life	

	urban regeneration assignment.
Course Materials:	<p><u>Reading materials</u> uploaded for all course topics on the IS compliment lectures and form an integrated part of the course. Students are required to pay attention to study these materials on a weekly basis as a preparation for the course exam. The aim of the <u>seminar</u> is to help students to transfer inputs in the form of lectures and reading materials into practical application. Tutors guide students on their work on the course assignments particularly on site analysis and urban regeneration strategy. Students are provided with continuous feedback and support to be able to meet the course objectives.</p>

Contemporary Building Materials		CBM
Preceding Module: BM	Responsible Person: Julie Maddox	Accessibility of Course: MA Arch Compulsory
Prerequisites: knowledge of the design and construction process	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Contemporary Building Materials	
Course Code	CBM	
Professor(s):	Julie Maddox	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>Following the completion of the course, students will have gained:</p> <ul style="list-style-type: none"> • A general familiarity of innovations in materials and practices in building industry. • Deepened understanding of building materials available to them and ascertain both the benefits and negative impacts that accompany the specification of these in everyday practice and construction sites. • A platform for student/s to undertake individual/group exploration into modern, contemporary building materials and ultimately present the content of their research to the class for review. • You feel confident making well-constructed models that begin to move beyond mere representation, towards prototypes that test performance and ideas. • You are accumulating experience to discuss the fundamental elements, basic design principles, and important disciplinary questions of our field, so that you can begin to define "what is architecture?" and distinguish it from related disciplines. 	
General Course Description:	This course serves as an introduction to contemporary building materials, their structure, basic features and requirements placed on them during use, particularly for building construction. Current materials and products in	

	<p>architecture will be presented that are eco-friendly, composite, durable, advanced, and smart. The course aim will focus on materials and systems, their properties and connections, intrinsic relationship with structural systems and environmental performance. It will explore non-traditional materials, including new technologies involved within their development from production stage through to their implementation within modern buildings.</p> <p>Lecture series to include green/living walls, stone, steel, metal/alloys, timber/composites, concrete, carbon fiber, structural & decorative glazing and ETFE/Geotextile Membrane Forms, + student choices.</p>
Course Materials:	<p>Allen, E., Iano, J., <i>Fundamentals of Building Construction: Materials and Methods</i>, Sixth Edition, John Wiley & Sons, Hoboken, New Jersey, USA, 2014</p> <p>Allen, E., Iano, J., <i>The Architect's Studio Companion: Rules of Thumb for Preliminary Design</i>, Fifth Edition, John Wiley & Sons, New York, USA, 2012</p> <p>Ching, F.D.K., <i>Building Construction Illustrated</i>, Fourth Edition, John Wiley & Sons, New York, USA, 2008</p>

Contemporary Architecture and Architectural Theories		CAT
Preceding Module: CW1	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: AD7, CW1	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Contemporary Architecture and Architectural Theories	
Course Code	CAT	
Professor(s):	Elan Fessler	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures (L)	
Examination Form:	Semestral Work (SW) and Examination (E)	
Learning Expectations and Outcomes:	At the end of the course, students should be able to orientate themselves in contemporary architectural discourse, including its historical references, read and understand basic theoretical texts, critically analyse texts in terms of what they imply and of how they are positioned within a historical narrative, and warrant their opinion both in a debate and written word.	
General Course Description:	<p>Contemporary Architecture and Theories course is divided into six two-part sessions covering a range of recent and contemporary topics within architectural discourse. The discourse continues from the early 90s, towards the present day. Students investigate and analyse these topics through assigned and additional suggested readings, which are then presented and discussed in class.</p> <p>Students are expected to prepare material for each class in advance (reviews of contemporary magazines or articles, lectures of architects and theorists, shorter and longer texts, etc.), present their response to the material, and be prepared to participate in debates and discussions, based on their own survey of the given readings.</p>	
Course Materials:	Materials used during lectures and seminars are provided in class nonetheless it is advised that students also have their own sketchbooks and additional art materials.	

Monument Preservation 2		MP2
Preceding Module: None	Responsible Person: Hana Benešová	Accessibility of Course: MA Arch Compulsory
Prerequisites: themes covered by Archip History of Architecture and Art courses and Monument Preservation 1 course	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Monument Preservation 2	
Course Code	MP2	
Professor(s):	Hana Benešová	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Lecture and Seminar. (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • detect, reflect on and resolve heritage issues in their own architectural projects • understand the extensive role of conservation architect in the preservation of architectural heritage • understand historic buildings, i.e. the process of heritage building survey and recording 	
General Course Description:	<p>Despite its long history, monument preservation is a modern phenomenon related to the rise of modern society in the 19th and 20th centuries. From cathedrals refurbishment and restoration of monuments to the concept of protection of urban landscape, the history of monument preservation reflects our link with the past and influences our understanding of it. Prague, a UNESCO World Heritage Site, is an urban/architectural ensemble of outstanding quality, rich in both good and appalling examples of cultural heritage preservation/destruction. We will make the most of Prague and devote a number of excursions to various monument preservation projects – from the early 19th century to today's crucial cases. We will also address the history of monument preservation, basic methodologies, legislation and bibliography. On the basis of several case studies, we will discuss the extensive role of conservation architect in the architectural heritage protection.</p>	

Course Materials:

Jukka Jokkilehto, *A History of Architectural Conservation*, York, University of York, 1986

Norman Tyler, Ted Ligibel and Ilene R. Tyler. *Historic Preservation: An Introduction to Its History, Principles, and Practice*. New York: W.W. Norton & Co, 2009

Alois Riegl, *The Modern Cult of Monuments: Its Character and Its Origin*, Cambridge (Mass.) : MIT Press, 1982

Jean Viard (ed.), *Prague, avenir d'une ville historique capital*, Paris, Édition de l'Aube, 1992

Simon Lambert, Cynthia Rockwell (eds.), *Protecting Cultural Heritage in Times of Conflict*, Rome: ICCROM, 2012

Herb Stovel, *Risk Preparedness: A Management Manual for World Cultural Heritage*, Rome: ICCROM, 1998

Herb Stovel, Nicholas Stanley-Price, Robert Killick (eds.), *Conservation of Living Religious Heritage*, Rome: ICCROM Conservation Studies 3, 2005

Deset století architektury / Ten Centuries of Architecture, díl/part I–VI, Praha: Správa Pražského hradu, DaDa, 2001

Emanuel Poche (ed.), *Umělecké Památky Čech*, díly I–IV, Praha: Academia, 1977–1982

Pavel Vlček (ed.), *Umělecké Památky Prahy*, díly I–IV, Praha: Academia, 2000

Bohumil Samek (ed.), *Umělecké Památky Moravy a Slezska*, díly I–IV, Praha: Academia, 1994

Professional Ethics		PET
Preceding Module: None	Responsible Person: Ryan Manton	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 2 nd Semester of MA Programme, Summer Term
Course Title	Professional Ethics	
Course Code	PET	
Professor(s):	Ryan Manton	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Lectures (L)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>This course focuses on the architect's ethical role and responsibilities to the public, clients, the environment, the profession, and themselves. It teaches students to think critically about how architects have practiced in the past and the challenges and opportunities in the future.</p> <p>Class Schedule:</p> <p>It is expected that you will spend 2.5 hours preparing for each class. This includes completing the weekly reading, writing the mid-term and final term paper, and preparing to lead the discussion for your assigned weeks. In addition to the weekly reading, there will be a range of reading material which will be provided to the student from the tutor on a regular basis in which it is also advisable to read – this could take the form of online articles, reports, or other literature.</p> <p>General Class Framework:</p> <p>18:00 – 18:15 Introduction to topic 18:15 – 18:50 Lecture 18:50 – 19:00 Short Break 19:00 – 20:00 Topic-oriented discussion led by class member(s) 20:00 – 20:20 Q and A / topic wrap-up / next class preparation and questions</p>	
General Course Description:	This course will be taught by a mixture of lectures, class discussions led by students, role play and films. There is an emphasis on class discussion and debate which will be encouraged and supported by the tutor.	

Course Materials:

The primary readings (*Ethics for Architects* by Thomas Fisher and *the Ethics and the Practice of Architecture* by Barry Wasserman) are main textbooks for this course. These books will form the background reading for each class which will focus on a particular chapter/topic. Some further reading from the supplementary books listed below and/or online material will be studied in class. Readings from the primary reading books will be available on IS.

Architectural Design 9		AD9
Preceding Module: AD7, 8	Responsible Person: Jaroslav Wertig	Accessibility of Course: MA Arch Compulsory
Prerequisites: AD7, 8	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Architectural Design 9	
Course Code	AD9	
Professor(s):	Studio Leaders S-F _ Janek Schindler + Elan Fessler T-J _ Shota Tsikoliya + Ondřej Janků W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	112	
ECTS (Credits):	12	
Method of Instruction:	Lecture and Studio Work (L + ST)	
Examination Form:	Assignments, Projects & Presentation - Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>At the end of the ninth semester:</p> <ul style="list-style-type: none"> You have the skills to create and communicate a critical, contemporary spatial identity in architecture and urbanism, and to represent it in clear and highly articulated plans and sections, spanning scales of the city and architectural detail. You are proposing a method of inquiry for your design process that combines architectural invention, technical knowledge and thematic research with confidence to produce rigorous, poetic, and unique architecture by the deadline. You establish a strategic plan, with a structured agenda for developing the project, producing several variations in any step of the process. You research independently and incorporate feedback productively into your design process. You re-evaluate your own claims about the given, external circumstances of the project (site, precedents, materials, spaces, building types, programs, environmental factors etc.), and seek to establish criteria and the application of relevant precedents to generate coherent, rich design. You have a fluency to innovate architectural drawing and representation, across all media, of, for the most effective, efficient, and elegant results. You make use of supporting courses and disciplines in service of your project implement research skills relevant to the design process, and 	

	<p>begin to develop a critical theoretical position within contemporary debate.</p> <ul style="list-style-type: none"> • You are able to conceive the project as a conceptual and technical assemblage at the scale of the city and the detail, and use that understanding to create vital and memorable, materialised experiences. • You are able to demonstrate an evolution of thought through a lineage of well-constructed models from schematic and impulsive sketch models through their refined and detailed form. • You are confident to position your own works into a disciplinary discourse and to defend your argument of "what is architecture?".
<p>General Course Description:</p>	<p>Understanding the society in which we are living and making the project which is informed by research into the theme and its social implications. A deeper knowledge and development of architectural details both technically and also in service of advancing the project's expressive goals. Understanding the larger landscape systems and integrating them with the project. Analysing an existing public space and the surrounding built environment and developing a program for its improvement, an urban design vision, strategy and concept for the site through all scales. Testing hypotheses through questions and precedents, to formulate a critical approach to the design agenda.</p>
<p>Course Materials:</p>	<p>Resources will be given out throughout the semester.</p>

Architecture and City 3		AC3
Preceding Module: AC1, 2	Responsible Person: Radek Kolařík	Accessibility of Course: MA Arch Compulsory
Prerequisites: AC1, 2	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Architecture and City 3	
Course Code	AC3	
Professor(s):	Radek Kolařík	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lecture (L) + Seminar (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • precisely identify the assignment • interpret thoughts developed during seminars • compare their visions with recent trends and classmate's ones • explore and compare recent trends in strategies for particular urban scale • explain and discuss their seminar work evolution 	

<p>General Course Description:</p>	<p>Scheme of all three AC semestral works (AC1,2,3) is based on training students in communication with potential client. Fundamental part is embodied in urban vision elaborated under supervision of the tutor. This will be the subject to reflections of related points of view (developers, economic, social, socio-economical, etc.) under supervision of the tutors of following modules.</p> <p>Principle: semestral work of each semester is dedicated to certain (elemental) urban scale: AC1–City AC2–Locality AC3–Public space</p> <p>Each individual AC-semestral work (valid for all three subjects AC1, AC2, AC3), based on booklet template will include following phases (matching the habitual advancement of practicing architect): <u>Analysis</u> Analysis will be prepared in small groups as a teamwork. Each team is responsible for explicit outputs and their mediation to others. Final analytical part of the booklet (individually completed) will contain all relevant parts, incl. those prepared by others. Individual analytical part will result in and include conclusions, which will serve as starting point for the next phase–i.e., Concept. <u>Concept</u> Concept work in process will result in one solution (individual), which will be adequately thoroughly elaborated in last phase–Proposal (final design). Concept will be developed individually and discussed collectively. <u>Proposal</u> Final design will represent complex idea of the assignment that implies coherent study expressed in in words, drawings and other means, specified in booklet template. Proposal will be elaborated individually and discussed collectively.</p> <p>Inputs and outputs for each subject field are adjusted to particular site of interest each semester, specified in booklet template. Particular booklet template contains basic obligatory parts, which may be subject to amendment as a consequence of midterm consultations and development of the work.</p> <p>Consultations of the work in progress will be provided during semester on "Semestral work–consultations" and "Midterm presentations and feedback" seminars.</p>
<p>Course Materials:</p>	<p>LEHNERER, Alex. <i>Grand urban rules</i>. Rotterdam: 010 Publishers, 2009. ISBN 9789064506666.</p> <p>MIKOLEIT, Anne a Moritz PÜRCKHAUER. <i>Urban code: 100 lessons for understanding the city</i>. Cambridge, Mass.: MIT Press, c2011. ISBN 0262016419.</p> <p>KOOLHAAS, Rem, Bruce MAU, Jennifer SIGLER a Hans WERLEMANN. <i>Small, medium, large, extra-large: Office for Metropolitan Architecture, Rem Koolhaas, and Bruce Mau</i>. 2d ed. New York, N.Y.: Monacelli Press, c1998. ISBN 1885254865.</p> <p>KOOLHAAS, Rem. <i>Delirious New York: a retroactive manifesto for Manhattan</i>. New York: Monacelli Press, 1994.</p> <p>GUALLART, Vicente. <i>GeoLogics: geography information, architecture</i>. Barcelona: Actar, 2008. ISBN 978-84-95951-61-8.</p>

MAAS, Winy, Jacob van RIJS a Richard KOEK. *FARMAX: excursions on density*. Rotterdam: 010 Publishers, [1998]. ISBN 9064502668.

VIGNELLI, Massimo. *The Vignelli canon*. Milano: Postmedia, [2012]. ISBN 9788874900664.

ODA, New York. *Unboxing New York*. New York, NY: Actar Publisher, 2018. ISBN 9781945150777.

OMA. *Palermo Atlas*. Palermo: Foundation Manifesta, [2018]. ISBN 9788899385439.

DIENER, Roger, Jacques HERZOG a Milica TOPALOVIC. *The Inevitable Specificity of Cities*. Zürich: Lars Müller Publishers, [2015]. ISBN 978-3-03778-374-0

HILBERSHEIMER, Ludwig. *Metropolisarchitecture*. New York: Columbia Books on Architecture and the City, [2012]. ISBN 978-1-883584-75-7

KYTAYAMA KO, Tsukamoto Yoshiharu. NISHIZAWA Ryue. *Tokyo metabolizing*. Tokyo: TOTO Shuppan, [2010]. ISBN 9784887063129.

Urban Planning 3		UP3
Preceding Module: UP1,2	Responsible Person: Zuzana Tittl	Accessibility of Course: MA Arch Compulsory
Prerequisites: Knowledge and skills obtained in UP1,2	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Urban Planning 3_Urban Design	
Course Code	UP3	
Professor(s):	Zuzana Tittl Zbyněk Sperát Jan Richtr	
Contact Hours per Semester:	56	
ECTS (Credits):	5	
Method of Instruction:	Lectures (L) + Seminar (S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • apply urban design theory to perform a public space analysis and formulate an urban design brief • identify all aspects (functional, social, visual, morphological, perceptual, temporal) characterizing public spaces • become familiar with the urban designer toolkit and be able to select the appropriate tools for a given task • interpret findings from the analytical part to formulate conclusions and outcomes for the design • compare public spaces and be able to characterize them (case studies) 	
General Course Description:	<p>The module aims to provide students with comprehensive overview of current urban design theory integrating the visual-aesthetic tradition, functional-social approaches and recent debates on sustainable urban design. The course illustrates the potential of design as a creative problem solving process. It gives students the opportunity to turn theory into practice through the completion of one real-life assignment.</p>	

Course Materials:

Carmona M, Tiesdell S, Heath T & Oc T *Public Places - Urban Spaces, The Dimensions of Urban Design* (2nd Edt ed.). Oxford: Elsevier, 2010

Alexander C, "A City is Not a Tree" *Architectural Forum*, Vol.122, No.1, April 1965

Alexander C, *A Pattern Language*, Oxford University Press, 1977

Alexander C, *A New Theory of Urban Design*, Oxford University Press, 1987

Carmona M, de Magalhaes C & Edwards M. *The value of urban design*. London: CABE, 2001

Cullen G, *The Concise Townscape*, Butterworth Architecture, 1971

Gehl J, *Life Between Buildings, using Public Space*, Arkitektens Forlag, 1996

Gehl, J, *How to Study Public Life*, Washington, DC: Island Press, 2013

Jacobs J, *The Death and Life of Great American Cities*, Random House Inc, 1961

Lynch K, *The Image of the City*, MIT Press, 1961

Mandanipour A, *Public and Private Spaces of the City*, Routledge, 2003

Sitte C, *City Planning According to Artistic Principles*, Phaidon Press (from the 1889 original)

Tibbalds F, *Making People-Friendly Towns*, Longman, 1992

Architectural Detail 1		ADE1
Preceding Module: BM, CBM	Responsible Person: Jan Holna	Accessibility of Course: MA Arch Compulsory
Prerequisites: BM, CBM	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Architectural Detail 1	
Course Code	ADE1	
Professor(s):	Jan Holna	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work and Examination(SW+E)	
Learning Expectations and Outcomes:	To deepen students' knowledge in the field of architectural details based on the previous stages of study. Mastering the basic rules of architectural detail, obtain necessary knowledge for processing.	
General Course Description:	<p>Explain the importance of architectural details in the project documentation and their importance for the final construction.</p> <p>On the presented examples in individual lessons to obtain the necessary information on processing details. Learning to deal with construction details from the architectural viewpoint, with respect to design versus functionality.</p>	
Course Materials:	Books and magazines available onsite and online from the ARCHIP library.	

Research in Architecture		RA
Preceding Module: PS, PE	Responsible Person: Ryan Manton	Accessibility of Course: MA Arch Compulsory
Prerequisites: PS, PE	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Research in Architecture	
Course Code	RA	
Professor(s):	Ryan Manton	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Seminars (S)	
Examination Form:	Semestral Work and Examinaion (SW+E)	
Learning Expectations and Outcomes:	<p>The primary objective of this course is to explore the role of research in contemporary architecture and urbanism. Furthermore, the goal is to introduce steps leading from a general interest into a focused and professional research proposal. Finally, the course aims to give an overview of elementary relevant research methods.</p> <p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • Identify, explain and discuss a research topic • Identify literature relevant to a research topic • Explore and compare various research strategies, identify those suitable for a research topic, explain and discuss the selected strategies • Interpret the role of research in personal architectural work and adopt an evidence-based approach in design projects 	
General Course Description:	<p>In this course, students learn about the context and potential of research in architecture together with developing knowledge and skills regarding designing and conducting research. Research is an intricate part of university education and is not only reserved for doctoral students. Recently, the expectations of an architect have transformed into being not only a practitioner but also a forward-thinker and knowledge-creator. It no longer suffices to have outstanding ideas and make grand gestures without being able to support them with researched facts, data, and knowledge of reality. In this course, students will learn about and discuss the relationship between research and architecture, as well as ethical and professional conduct. They will become familiar with elementary steps in</p>	

	<p>formulating a research proposal and become acquainted with selected research methods relevant to the field. There will also be an emphasis on how research can broaden the remit and opportunities of the architect and help to solve future problems.</p>
<p>Course Materials:</p>	<p>Fielding, N. (2016). Ethnography. In N. Gilbert & P. Stoneman (Eds.), <i>Researching social life</i> (4th edition, parts 17.1 to 17.5). SAGE Publications.</p> <p>Groat, L. N., & Wang, D. (2013). Chapter 2 Does Design Equal Research? In <i>Architectural research methods</i> (part 2.1 and 2.2). Wiley.</p> <p>Groat, L. N. (2013). Chapter 8 Correlational research. In L. N. Groat & D. Wang (Eds.), <i>Architectural research methods</i> (parts 8.1 and 8.2). Wiley.</p> <p>Groat, L. N. (2013). Chapter 9 Experimental and Quasi-Experimental Research. In L. N. Groat & D. Wang (Eds.), <i>Architectural research methods</i> (parts 9.1 and 9.2). Wiley.</p> <p>Lucas, R. (2016). Chapter I: Defining your research question. In <i>Research Methods for Architecture</i> (pp. 25–35). London: Laurence King Publishing.</p> <p>Lucas, R. (2016). Chapter III. Building your literature review. In <i>Research Methods for Architecture</i> (pp. 47–57). London: Laurence King Publishing.</p> <p>Lucas, R. (2016). Chapter 10: Architectural histories. In <i>Research Methods for Architecture</i> (pp. 125–139). London: Laurence King Publishing.</p> <p>Lucas, R. (2016). Chapter 12: Philosophy, phenomenology and the experience of space. In <i>Research Methods for Architecture</i> (pp. 152–162). London: Laurence King Publishing.</p> <p>A range of online resources, including articles, films and interviews will be provided to students during the course, in advance of, and during each session.</p>

Landscape Architecture		LA
Preceding Module: UP1,2	Responsible Person: Petra Kadlecová	Accessibility of Course: MA Arch Compulsory
Prerequisites: UP1,2	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Landscape Architecture	
Course Code	LA	
Professor(s):	Petra Kadlecová	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	By the end of the course, students should be able to: <ul style="list-style-type: none"> • understand the division of plant species • find and use plants for their design • perceive the greenery as a professional • respect the requirements of plant species 	
General Course Description:	In this course, students will learn the basics of landscape design. They will discover the world of plants and their variability in order to use them for designing interiors, private gardens and public greenery.	
Course Materials:	Readings are not required; however, there will be references provided during the semester.	

Pre-diploma Research Seminar		PRS
Preceding Module: CW1, CAT, AD7,8	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: : CW1, CAT, AD7,8	Duration of the Course: 1 Semester	Frequency: 3 rd Semester of MA Programme, Winter Term
Course Title	Pre-diploma Research Seminar	
Course Code	PRS	
Professor(s):	Elan Fessler	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>This course presupposes that the student has acquired following specific competences: - developing a critical attitude with which various aspects of the design question are examined; - communicating orally, graphically and in writing about one's own research and design By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • identify the position they will be taking with regards to their AD10 project and in terms of the critical historical social and symbolic aspects. • interpret the existing and historical circumstances of their site/typology, and the urban/sociological/ economic impact of a new intervention, and the relevance of such a solution today compare various precedents • explore the possibilities of a critical project and/or a critical approach to what is 'contemporary'. (why the project will be important) • explain and discuss the theoretical basis for the project; its scope and parameters; its intended effects 	
General Course Description:	<p>The purpose of the course is to develop the basic research, ideas, arguments, parameters and strategy for the AD10 project; to organise and present these materials. The end result will be:</p> <ol style="list-style-type: none"> a) selecting a topic/theme/site for the AD10 Diploma project. b) a collection of reference materials to be used as a theoretical foundation and concrete supporting framework for the final AD10 Diploma project, c) wide-ranging and complex research related to the project, in order to gain expertise in the subject and a strategy for formulating a relevant position on the 	

	topic , d) the defining of a specific and detailed design brief, e) a presentation to the school on the first day of the 4th semester.
Course Materials:	Assigned readings or projects specific to each student's research. School Resources Books and magazines available onsite and online from the ARCHIP library.

Architectural Design 10		AD10
Preceding Module: AD7,8,9	Responsible Person: Jaroslav Wertig	Accessibility of Course: MA Arch Compulsory
Prerequisites: AD7,8,9	Duration of the Course: 1 Semester	Frequency: 4 th Semester of MA Programme, Summer Term
Course Title	Architectural Design 10 (Diploma Project)	
Course Code	AD10	
Professor(s):	Studio Leaders S-F _ Janek Schindler + Elan Fessler T-J _ Shota Tsikoliya + Ondřej Janků W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	156	
ECTS (Credits):	20	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW) + Final State examination (E)	
Learning Expectations and Outcomes:	<p>At the end of the fifth year:</p> <ul style="list-style-type: none"> • You have the skills to create and communicate a critical, contemporary spatial identity in architecture and urbanism, and to represent it in clear and highly articulated plans and sections, spanning scales of the city and architectural detail. • You are proposing a method of inquiry for your design process that combines architectural invention, technical knowledge and thematic research with confidence to produce rigorous, poetic, and unique architecture by the deadline. • You establish a strategic plan, with a structured agenda for developing the project, producing several variations in any step of the process. • You research independently and incorporate feedback productively into your design process. • You re-evaluate your own claims about the given, external circumstances of the project (site, precedents, materials, spaces, building types, programs, environmental factors etc.), and seek to establish criteria and the application of relevant precedents to generate coherent, rich design. • You have a fluency to innovate architectural drawing and representation, across all media, for the most effective, efficient, and elegant results. • You make use of supporting courses and disciplines in service of your 	

	<p>project and implement research skills relevant to the design process, to develop a critical theoretical position within contemporary debate.</p> <ul style="list-style-type: none"> • You are able to conceive the project as a conceptual and technical assemblage at the scale of the city and the detail, and use that understanding to create vital and memorable, materialised experiences. • You are able to demonstrate an evolution of thought through a lineage of well-constructed models from schematic and impulsive sketch models through their refined and detailed forms. • You are confident to position your own works into a disciplinary discourse and to defend your argument of “what is architecture?”
<p>General Course Description:</p>	<p>Understanding the society in which we are living and making the project which is informed by research into the theme and its social implications. A deeper knowledge and development of architectural details both technically and also in service of advancing the project's expressive goals. Understanding the larger landscape systems and integrating them with the project. Analysing an existing public space and the surrounding built environment and developing a program for its improvement, an urban design vision, strategy and concept for the site through all scales. Testing hypotheses through questions and precedents, to formulate a critical approach to the design agenda.</p>
<p>Course Materials:</p>	<p>To be specified during the semester individually</p>

Architectural Detail 2		AD2
Preceding Module: ADE1	Responsible Person: Jan Holna	Accessibility of Course: MA Arch Compulsory
Prerequisites: ADE1	Duration of the Course: 1 Semester	Frequency: 4 th Semester of MA Programme, Summer Term
Course Title	Architectural Detail 2	
Course Code	ADE2	
Professor(s):	Jan Holna	
Contact Hours per Semester:	28	
ECTS (Credits):	2	
Method of Instruction:	Seminars (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	To deepen students' knowledge in the field of architectural details based on the previous stages of study. Mastering the basic rules of architectural detail, obtain necessary knowledge for processing.	
General Course Description:	The aim of the course is to deepen students' knowledge in the field of architectural details on the previous stages of study. Mastering the basic rules of architectural detail, obtain necessary knowledge for processing.	
Course Materials:	School Resources Books and magazines available onsite and online from the ARCHIP library.	

Project Presentation and Graphics		PPG
Preceding Module: AD7,8,9	Responsible Person: Filip Blažek	Accessibility of Course: MA Arch Compulsory
Prerequisites: AD7,8,9	Duration of the Course: 1 Semester	Frequency: 4 th Semester of MA Programme, Summer Term
Course Title	Project Presentation and Graphics	
Course Code	PPG	
Professor(s):	Filip Blažek	
Contact Hours per Semester:	42	
ECTS (Credits):	4	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	Project presentation is an important and inevitable part of daily life of architects. Very often, the quality of the presentation significantly contributes to acceptance or disapproval of a project. By the end of the course, students should be able to create well structured, legible and meaningful outputs such as portfolios, proposals, posters or brochures.	
General Course Description:	During this course, students will consult their graphic proposal and get professional feedback. Students will better understand the principles of layout grid, visual hierarchy or typographic rules.	
Course Materials:	<p>Blažek, Filip: <i>Typokniha</i>, Umprum 2020 (Czech only)</p> <p>Dabner, David; Stewart, Sandra; Vickress Abbie: <i>Graphic Design School: A Foundation Course for Graphic Designers Working in Print, Moving Image and Digital Media</i>, Thames & Hudson, 2020</p> <p>Erwin Bauer, Dieter Mayer: <i>Orientation & Identity</i>, Universität für Angewandte Kunst 2009</p> <p>Michael Bierut: <i>How to</i>, Harper Design 2015 Andy Cooke: <i>Graphic Design for Art, Fashion, Film, Architecture, Photography, Product Design and Everything in Between</i>, Prestel 2018</p> <p>Steven Heller: <i>The Graphic Design Idea Book: Inspiration from 50 Masters</i>, Laurence King Publishing 2016</p>	

Lupton, Ellen: *Graphic Design: The New Basics*, Abrams & Chronicle Books, 2015

Lupton, Ellen: *Design is Storytelling*, Thames & Hudson, 2017

Lupton, Ellen: *Thinking with Type. A Critical Guide for Designers, Writers, Editors, and Students*, Abrams & Chronicle Books, 2010

Timothy Samara: *Typography Workbook: A Real-World Guide to Using Type in Graphic Design*, Rockport Publishers, 2006

Caldwell, Cath: *Graphic Design For Everyone. Understand the Building Blocks so You can Do It Yourself*, DK 2019

Timothy Samara: *Design Elements: A Graphic Style Manual*, Rockport Publishers, 2014

Adrian Shaughnessy: *Graphic Design: A User's Manual*, Laurence King Publishing 2009

Adrian Shaughnessy: *How to Be a Graphic Designer, Without Losing Your Soul*, PrincetonArchitectural Press 2005

Andreas Uebele: *Signage Systems and Information Graphics*, Thames & Hudson 2007

Erik Spiekermann: *Stop Stealing Sheep & Find Out How Type Works*, Adobe Press 2002

Critical Writing 2		CW2
Preceding Module: CW1, PRS	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: CW1, PRS	Duration of the Course: 1 Semester	Frequency: 4 th Semester of MA Programme, Summer Term
Course Title	Critical Writing 2	
Course Code	CW2	
Professor(s):	Elan Fessler	
Contact Hours per Semester:	42	
ECTS (Credits):	4	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	<p>By the end of the course, students should be able to effectively communicate their project through a well-structured document. This process of preparing the Book will develop gradually through a sequence of structural phases:</p> <ul style="list-style-type: none"> • definition of certain critical questions or claims; clearly stated argument; project vision • organising information into categories and sub-categories, -outlining the content of these categories into critical points that develop a detailed guide, • writing out the material of each critical point into supporting texts (length as needed), • developing these writings through a series of revisions, -searching for relevant or related texts to position the work into a disciplinary discourse, • highlighting critical themes through emphasis, • annotating visual content, • and supplementing the work where needed with asides, footnotes or cited sources. Additionally, the appropriate tone and style(s) taken will be discussed and decided to complement the AD project. <p>The aim is to produce a document which serves to structure the presentation of the Diploma Project and to support and develop its research and arguments. It should clearly and logically present complex material. Through its presentation, it should further reinforce the argument of the Diploma Thesis project and facilitate</p>	

	the reader's understanding.
General Course Description:	Preparation of the Master Diploma Project Book. This preparation is expected to take place consistently throughout the semester, in parallel to developments in the AD course, predominantly of the student's own initiative, according to the progress schedule. Materials from PRS provide a foundation for the Book. The graphic and visual concept of the Book will be coordinated at the same time through the PPG course. Critical aspects of the project and its research materials, the thesis statement and project objectives, the subdivisions into chapters and sections, and other supporting materials, will be elaborated in text form, and used as explanatory, analytical and argumentative supports for the Project
Course Materials:	–