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COURSE CATALOGUE 2025/26

MASTER PROGRAMME **ARCHITECTURE AND URBANISM**

SEMESTER 7				
courses	**ECTS credits**	**form**	**contact hours per week**	**completion**
Architectural Design 7 **AD7**	15	W+ST	4+6	SW
Urban Planning **UP1**	3	L+S	1+1	SW+E
Architectural Detail **ADE**	3	L+S	1+1	SW
Building and Construction Methods **BM**	3	L+S	1+1	SW+E
Contemporary Architecture and Architectural Theories **CAT**	3	L+S	1+1	SW
Professional Ethics **PET**	3	L+S	1+1	SW

SEMESTER 8				
courses	**ECTS credits**	**form**	**contact hours per week**	**completion**
Architectural Design 8/URB/ **AD8**	15	W+ST	4+6	SW
Architecture and City **AC**	3	L+S	1+1	SW
Urban Planning 2 **UP2**	3	L+S	1+1	SW+E
Landscape Architecture **LA**	3	L+S	1+1	SW
Psychology and City **PS**	3	L+S	1+1	SW
Preservation in Architectural Practice **PAP**	3	L+S	1+1	SW+E

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SEMESTER 9				
courses	**ECTS credits**	**form**	**contact hours per week**	**completion**
Architectural Design 9/REC/ **AD9**	15	W+ST	4+6	SW
Monument Preservation **MPU**	3	L+S	1+1	SW+E
Building Survey, Investigation and Repair **BS**	3	L+S	1+1	SW+E
Pre-diploma Seminar **PDS**	3	L+S	1+1	SW
Research in Architecture **RA**	3	L+S	1+1	SW
Development **DE**	3	L+S	1+1	SW

SEMESTER 10				
courses	**ECTS credits**	**form**	**contact hours per week**	**completion**
Architectural Design 10 **AD10** /Diploma project/	20	L+ST	2+10	SW+E
Theory and Argument **TA**	5	L+S	1+2	SW
Project presentation and Graphics **PPG**	5	L+S	1+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.

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SEMESTER 7		
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: 1st Semester of MA Programme, Winter Term
Course Title	**Architectural Design 7**	
Course Code	AD7	
Professor(s):	Studio Leaders D_Zuzana Drahotová M_Winy Maas W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	140	
ECTS (Credits):	15	
Method of Instruction:	Lecture and Studio Work (L + ST)	
Examination Form:	Assignments, Projects & Presentation - Semestral Work (SW)	
Learning Expectations and Outcomes:	Based on a specific brief, students will develop a project reflecting the above-outlined scopes of problems. The brief also contains a prerequisite that a student must produce basic requirements on the interior design of one housing unit. Part of the course is visits to residential projects built in Prague in the past twenty years. 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.	
General Course Description:	The architecture of living space remains constant for several centuries on the one hand but dynamically changes on the other hand. Housing reflects social, spatial, material needs as well as technical, technological, and economic ones, and that is not	

only inside a housing unit but in the framework of one house, housing compounds, an urban residential quarter. Today, with a rapidly developing digital world, European cities and global megapolises have been parallel developing, too. Problems arising due to this development are local but also have some common features. In different parts of the world and different extent, governments adopt plans for housing development, set up legislative requirements, regulate housing or its regulation escapes them. The population in cities should reach four billion in 2030 – double to that in 2000.

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Pillars of Urbanism		**PU**
Preceding Module: None	Responsible Person: Radek Kolařík	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1st Semester of MA Programme, Winter Term
Course Title	**Pillars of Urbanism**	
Course Code	PU	
Professor(s):	Radek Kolařík	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures (L) + Seminar (S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	By the end of the course students will be able to discuss, interpret and utilize the knowledge of: History of urban planning The planning arena and values of planning, comparing national planning systems and the Europeanization of planning Inequality, poverty and socio-spatial segregation Can cities create their economic success, or are they mere subjects to the global economy? Good and bad urban economics and its reflection in the economic Discussion on land use zoning The Nature of Cities Globalization and Urban Restructuring Socio-spatial Reconfiguration of Metropolitan Spaces	
General Course Description:	This course 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. 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.	

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Course Materials:	Hall, P. (2002). Urban and Regional Planning (4th ed.). Oxon: Routledge. Howard, E. (1902) Introduction and Chapter One. In E. Howard, Garden Cities of To-morrow. London: S. Sonnenschein & Co. . Jane Jacobs (1958) Downtown is for People abbridged version with editor's introduction as in Birch, E. L. (Ed.). (2009). The Urban and Regional Planning Reader. Oxon: Routledge. Tylor, N. (1999). Anglo-American town planning theory since 1945: three significant developments but no paradigm shifts. Planning Perspectives, 14 (4), 327-345. abbridged version with editor's introduction as in Birch, E. L. (Ed.). (2009). The Urban and Regional Planning Reader. Oxon: Routledge. Friedmann, J. (2005). Globalisation and the emerging culture of planning. Progress in Planning Bolt, G. (2009). Combating residential segregation of ethnic minorities in European cities. Journal of Housing and the Built Environment Richardson, L., & Le Grand, J. (2002). Outsider and insider expertise: the response of residents of deprived neighbourhoods to an academic definition of social exclusion. Social Policy & Administration, Harvey, D. (1989).

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Architectural Detail		**ADE**
Preceding Module: None	Responsible Person: Jan Holna	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: 1st Semester of MA Programme, Winter Term
Course Title	**Architectural Detail**	
Course Code	ADE	
Professor(s):	Jan Holna	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures (L) + Seminars (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	On the presented examples in individual lessons to obtain the necessary information on processing details. Course lecture themes (including the examples of the existing arch. details) • Basic principles of architectural detail • Examples of documentation of architectural detail • Facade detail • Interior detail • Sanitary premises • Exterior • Building technology	
General Course Description:	The aim of the course is to deepen students' knowledge in the field of architectural details design. It focuses on mastering the basic rules of architectural details and obtaining the necessary knowledge for processing them. It explains the importance of architectural details in the project documentation and their importance for the final construction. Students learn to deal with construction details from the architectural viewpoint, with respect to design versus functionality.	

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Course Materials:	Allen, Edward; Iano, Joseph: *Fundamentals of Building Construction : Materials and Methods*, Hoboken, New Jersey : Wiley, 2014 Brownell, Blaine: *Material strategies: innovative applications in architecture*, New York : Princeton Architectural Press, 2012 Watts, Andrew: *Modern construction envelopes*, Vienna : Ambra, 2014 Lyons, Arthur: *Materials for architects and builders*, Abingdon, Oxon : Routledge, 2014 Bell, Victoria B, and Patrick Rand. *Materials for Architectural Design*. London: Laurence King, 2006. Architektonické a stavební časopisy: *DETAIL – Magazin* for Architecture, Building Design, Building Projects, Building Materials. /Zeitschrift fur Architektur und Baudetail; 2013-2018, *A + U: Architecture and Urbanism,* Tokyo: A + U Publishing Co, 2013-2018; *Architectural Review*; London,Architectural Review,2013-2018; *MARK*, Amsterdam: Frame Publishers 2013-2018; *FRAME*, Amsterdam: Frame Publishers 2013-2018

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Building and Construction Methods		**BM**
Preceding Module: None	Responsible Person: Julie Maddox	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: 1st 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:	Lecture and Seminar (L+S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	By the end of the course students will be able to discuss, interpret and utilize the knowledge of: Codes & construction documents Construction activities & site safety Earthworks Building foundations Engineering systems Building envelope performance Enclosure systems Schedules & finishes	

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	Construction administration
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:	Arnold van Acker, The Design of Precast Concrete Structures, Course for Students and Designers, Ghent University Belgie, 2003 Arnold Van Acker, Design of precast concrete structures against accidental actions,. Lausanne: fib bulletin 63, 2012. Ertl, Ralf. *Toleranzen Im Hochbau: Kommentar Zur Din 18202 ; Zulässige Maßabweichungen Im Roh Und Ausbau ; Mit 123 Tabellen*. Köln: Müller, 2013. Deplazes, Andrea: *Constructing architecture : materials, processes, structures : a handbook*, Basel : Birkhäuser, 2013 Allen, Edward; Iano, Joseph: *Fundamentals of Building Construction : Materials and Methods*, Hoboken, New Jersey : Wiley, [2014] EN 206-1, Concrete: Specification, performance, production & conformity *Caterpillar Performance Handbook*. Peoria,(Illinois, U.S.A.): Caterpillar Inc, 2008. Orr, J.J, A.P Darby, T.J Ibell, M.C Evernden, and M. Otlet. "Concrete Structures Using Fabric Formwork." *Structural Engineer*. 89.8 (2011) EN 13914-1:2005 Design, preparation and application of external rendering and internal plastering External rendering

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Contemporary Architecture and Architectural Theories		**CAT**
Preceding Module: None	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1st Semester of MA Programme, Winter 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:	Lecture and Seminar (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	At the end of the course, students should be able orientate themselves in contemporary architectural discourse, read and understand basic theoretical texts and warrant their opinion both in a debate and written word.	
General Course Description:	Contemporary Architecture and Theories course is divided into six issues covering a wide range of recent and contemporary topics within an architectural practice and theories such as ornament, sustainability, gender or social agenda. Student are given theoretical background also by readings, these are discussed in classes. Students are supposed to prepare materials for each issue in advance (reviews of contemporary magazines, lectures of architects and theorists etc.), give a short summary and be prepared to participate in debates, based on their own survey and given readings. Students are assessed according to their active participation in classes, final presentation and an essay.	
Course Materials:	Ruby, Andreas, Ilka Ruby. *Urban Transformation*. Berlin: Ruby, 2008. Norberg-Schulz, Christian. *Genius Loci: Towards a Phenomenology of Architecture*. New York: Rizzoli international publications, 1984. Sitte, Camillo,Charles T. Stewart. *The Art of Building Cities: City Building According to Its Artistic Fundamentals*. New York: Reinhold Publishing Corporation, 2013 Koryčánek, Rostislav, Josef Pleskot. *Josef Pleskot, Ap Atelier - Domy Z Meziprostoru: = Josef Pleskot, Ap Atelier - Buildings from in between*. Praha:	

Galerie Zdeněk Sklenář, 2007.
Koolhaas, Rem, and Bruce Mau. *S, M, L, XL*. New York: Monacelli Press, 1999
49 Cities: Workac; New York, NY: Storefront for art and architecture, 2010.
Burdett, Ricky, and Deyan Sudjic. *Living in the Endless City: The Urban Age Project*. London: Phaidon Press, 2011
Ruby, Ilka, and Andreas Ruby. *Groundscapes: The Rediscovery of the Ground in Contemporary Architecture*. Barcelona: Gili, 2005
Lakoff, George, and Mark Johnson. *Metaphors We Live by*. Chicago, Ill: University of Chicago Press, 2017

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Proffesional Ethics		**PET**
Preceding Module: None	Responsible Person: Ryan Manton	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1st Semester of MA Programme, Winter Term
Course Title	**Proffesional Ethics**	
Course Code	PET	
Professor(s):	Ryan Manton	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lecture and Seminar (L+S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	By the end of the course students will be able to discuss, interpret and utilize the knowledge about: General Obligations Obligations to the Public Obligations to the Client Obligations to the Profession Obligations to Colleagues Obligations to the Environment	
General Course Description:	The goal of this course is for students to develop an understanding of professional ethics within the practice of architecture. The course examines the obligations of the architect in various spheres - to the client, the public, the profession, colleagues, and the environment. Through the examination of case studies, documentaries, and topic-centered guest lectures, the student engages in dialogue and reflection about ethical issues that he/she will encounter in practice in an increasingly globalized yet fragmented world.	
Course Materials:	Fisher, Thomas. *Ethics for Architects: 50 Dilemmas of Professional Practice*. New York, NY: Princeton Architectural Press, 2012 *Professional and Ethics Code*, Prague, Czech Chamber of architects, 2014 *International Code of Ethics*, UIA, Paris ,International Union of Architects, 2014 Spector, Tom. *The Ethical Architect: The Dilemma of Contemporary Practice*. New York, NY: Princeton Architectural Press, 2012.	

Ray, Nicholas. *Architecture and Its Ethical Dilemmas*. London: Taylor and Francis, 2005

Bender, Steven: *Modern real estate finance and land transfer: a transactional approach*, New York: Wolters Kluwer Law & Business, 2013.

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SEMESTER 8		
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: 2nd Semester of MA Programme, Summer Term
Course Title	**Architectural Design 8**	
Course Code	AD8	
Professor(s):	Studio Leaders D _ Zuzana Drahotová M_ Winy Maas W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	140	
ECTS (Credits):	15	
Method of Instruction:	Lecture and Studio Work (L + ST)	
Examination Form:	Assignments, Projects & Presentation - Semestral Work (SW)	
Learning Expectations and Outcomes:	Students are o encouraged to a design process based on a complex understanding of the city through rigorous analysis. The aim is not to develop solely through building design, but to define characteristics and atmosphere, and to discover the potential and unlock the possibilities of the sites through urban design.	
General Course Description:	**Built and Unbuilt Landscapes** – horizontally organized studios: The urban studio aims to provide students with comprehensive overview of current urban design integrating the visual-aesthetic tradition, functional-social approaches and recent debates on sustainable urban design. It gives students the opportunity to turn theory of Urban Planning 3 course, which runs parallel to the Architectural Design Studio, into practice through the completion of a real-life assignment. The course illustrates the potential of design as a creative problem solving process, necessary to deliver the types of public and private investments in the	

	built environment that will continue to return value to their users and investors over the long-term.
Course Materials:	Haas, Tigran. *New Urbanism and Beyond: Designing Cities for the Future*. New York: Rizzoli, 2008 Koolhaas, Rem. *Mutations*. Barcelona: ACTAR editorial, 2001. Moughtin, Cliff, and Peter Shirley. *Urban Design: Green Dimensions*. Amsterdam: Architectural Press, 2006. Ng, Edward. *Designing High-Density Cities: For Social and Environmental Sustainability*. London : Routledge, 2015. Walters, David, Linda L. Brown. *Design First: Design-based Planning for Communities*. Amsterdam: Elsevier, 2005. Watson, Georgia B, Ian Bentley. *Identity by Design*. Oxford: Architectural Press, 2007.

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Architecture and City		**AC**
Preceding Module: None	Responsible Person: Radek Kolařík	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 1st Semester of MA Programme, Winter Term
Course Title	**Architecture and City**	
Course Code	AC	
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:	Mission Based on personal knowledge, study of basic information and documentation and based on knowledge gained during affiliated seminars students are asked to express their analysis and concept/vision. All parts of the project are linked–there is a relation between them (which relation is the relevant one is up to student`s judgment), all of them constitute the final output = e.g. overall impression. Advised is to elaborate all parts of each phase (Basic data, Analysis, Concept, Proposal) simultaneously and find the balance of the tools/features chosen for each part thoroughly. Target To find, develop and express urban study of the area of interest. Based on analytical view on interpretation of the existing situation confronted with interpretation of two chosen historical plans. Geomorphological transformation, urban corpus structure heterogeneity and particularity decoding to be dismantled, unveiled and to be used as ground for student`s own attitude. Directed information choice level. Accuracy, inventiveness/creativity, advancement rationalization. Outputs Particular Locality Urban Source Code booklet template (attached) content in subject field to be accomplished.	
General Course Description:	The Course scheme is based on training students in communication with potential client. Fundamental part is embodied in urban vision (in the depicted scales of the City, Locality and Public space) elaborated under supervision of the tutor. This will be the subject to reflections of related points of view as developer´s, economist´s,	

	sociologist´s, socio-economist´s, etc. The individual semestral work is based on booklet template and includes following phases (matching the habitual advancement of practicing architect): Analysis Analysis are prepared in small groups as a team work. Each team is responsible for explicit outputs and their mediation to others. Final analytical part of the booklet (individually completed) contains all relevant parts, incl. those prepared by others. Individual analytical part results in and includes conclusions, which will serve as starting point for the next phase. Concept Concept work in process results in one solution (individual), which will be adequately thoroughly elaborated in last phase–Proposal (final design). Concept is developed individually and discussed collectively. Proposal Final design represents complex idea of the assignment, that implies coherent study expressed in words, drawings and other means, specified in booklet template. Proposal is 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.
Course Materials:	Lehnerer, Alex. *Grand Urban Rules*. Rotterdam: 010 Publishers, 2009. Guallart, Vicente. *Geologics: Geography, Information, Architecture.* Barcelona: Actar, 2008. Kitayama, Koh. Tsukamoto Yoshiharu, Nishizawa Ryue. *Tokyo Metabolizing*. Tokyo: TOTO Publishing, 2010. Maas, Winy, Jacob Rijs, Richard Koek. *Farmax: Excursions on Destiny*. Rotterdam: 010 Publishers, 1998 Vossoughian, Nader, and D'Laine Camp. *Otto Neurath: The Language of the Global Polis*. Rotterdam: Nai Publishers, 2008. Schumacher, Patrik. *Parametricism 2.0: Rethinking Architecture's Agenda for the 21st Century*. London: Wiley, 2016

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Urban Planning		**UP**
Preceding Module: None	Responsible Person: Radek Kolařík	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 2nd Semester of MA Programme, Summer Term
Course Title	**Urban Planning 2_Urban Regeneration**	
Course Code	UP2	
Professor(s):	Zuzana Kuldová Luděk Sýkora Radek Kolařík	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures (L) + Seminar (S)	
Examination Form:	Semestral Work (SW) + Examination (E)	
Learning Expectations and Outcomes:	By the end of the course students will be able to discuss, interpret and utilize the knowledge of: Defining Urban Design The Morphological Dimension The Functional Dimension The Perceptual Dimension Analysis The Social Dimension The Visual Dimension Mobility and Urban Design The Temporal Dimension Feasibility of Urban Design	
General Course Description:	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. It gives students the opportunity to turn theory into practice through the completion of one real-life assignment. The course illustrates the potential of design as a creative problem solving process, a process necessary to deliver the types of public and private investments in the built environment that will continue to return value to their users and investors over the long-term.	

	Knowledge and skills obtained in this course will be applied by students in project work of the Architectural Design Studio that runs parallel to the course. The module assignment includes the following parts: • Creative intervention • Site Analysis • Design Brief Besides the creative intervention, the module assignment consists of analyzing an existing public space and surrounding built environment and developing a design brief for its improvement. The assignment thus does not include the design itself, which is a task thoroughly practiced during the AD Studio.
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

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Landscape Architecture		**LA**
Preceding Module: None	Responsible Person: Petra Kadlecová	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 2nd Semester of MA Programme, Summer Term
Course Title	**Landscape Architecture**	
Course Code	LA	
Professor(s):	Petra Kadlecová	
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:	By the end of the course students will be able to discuss, interpret and utilize the knowledge of: Landscape dynamics and urban structure Intentional and consequential landscapes Landscape Planning, Urban Design & Landscape Architecture as professional foci. Application of principles of ecology at various scales and in different contexts Landscape Urbanism, Urban Ecosystems, Productive Landscapes	
General Course Description:	Landscape Architecture: *Contemporary and future landscapes, designing with the land* The course considers landscape architecture to be an allied profession of architecture, as a partner in the design of the built environment. The course includes a brief historical foundation, design philosophy and technical principles, and contemporary applications of landscape at a modest scale. The course content is communicated through lectures, excursions, workshops and assignments. The course is designed to support the studio project, focusing on urban public space.	
Course Materials:	McHarg, Ian L. *Design with Nature*. New York: John Wiley & Sons, 2005 Pickett, Steward T, Mary L. Cadenasso, and Brian McGrath. *Resilience in Ecology and Urban Design: Linking Theory and Practice for Sustainable Cities*. Dordrecht: Springer, 2013.	

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Designing Our Future: Sustainable Landscapes, ASLA- American Society of Landscape Architects; dostupné z: https://www.asla.org/sustainablelandscapes/index.html

Ndubisi, Forster. *The Ecological Design and Planning Reader*.,Washington, DC : Island Press, 2014.

VanDerZanden, Ann M., Thomas W. Cook. *Sustainable Landscape Management: Design, Construction, and Maintenance*. Hoboken, N.J: Wiley, 2013.

Kwok, Alison G, and Walter T. Grondzik. *The Green Studio Handbook: Environmental Strategies for Schematic Design*. , 2018

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Psychology and City		**CAT**
Preceding Module: None	Responsible Person: Ryan Manton	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 2nd 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 + Seminars (L+S)	
Examination Form:	Semestral Work (SW) and Examination (E)	
Learning Expectations and Outcomes:	The course aims to equip students with practical knowledge and a skillset to design with awareness of psychology; however, we also draw upon the cultural representation of psychology and urbanism through historical and contemporary literature, film, and music.	
General Course Description:	The course explores how architecture and urban design influence human psychology and how good design can play a key role in improving the quality of life. We study the elements of urbanism that lead to happier, safer, and more productive cities, in addition to the failures of the past. We 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 actors influencing the city, including the real-estate market, politics, economics and popular culture, students 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 also draw upon the cultural representation of psychology and urbanism through historical and contemporary literature, film, and music. The course will be structured around the following format, including 7 primary	

	themes focused on the psychological causes and effects: 1. The Human Condition – who we are, why humans live in cities, what we need 2. Public Space – the notion and types of public space, crime 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 Final Student Film Presentations
Course Materials:	Mikellides, B., Architectural Psychology 1969-2007*, Brookes eJournal of Learning and Teaching*, http://bejlt.brookes.ac.uk/paper/architectural_psychology_19692007-2/ Aronson, Elliot, Timothy D. Wilson, and Robin M. Akert. *Social Psychology*. Harlow: Prentice Hall, 2009 Augustin, Sally, Place Advantage: Applied Psychology for Interior Architecture, John Wiley & Sons, 2009 Gardiner, W. Lambert. The Psychology of Communication, *Trafford* Publishing, *2008* Gifford, Robert. Environmental Psychology: Principles and Practice. Optimal Book, 2007 Hayes, Nicky. Introduction to Cognitive Processes, Wiley-Blackwell, 1991 Montgomery, Charles. *Happy City: Transforming our Lives Through Urban Design*, Penguin, London. 2015 Norman, Donald. The Design of Everyday Things. New York: Doubleday, 1989 Sennett, Richard. *Building and Dwelling: Ethics for the City*, Penguin, London, 2018

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Preservation in Architectural Practice		**PAP**
Preceding Module: None	Responsible Person: Julie Maddow	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 2nd Semester of MA Programme, Summer Term
Course Title	**Preservation in Architectural Practice**	
Course Code	PAP	
Professor(s):	Julie Maddox	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lecture and Seminar. (L+S)	
Examination Form:	Semestral Work + examination (SW+E)	
Learning Expectations and Outcomes:	1. Introduction to Preservation Theory and Modern Practice (3 weeks): In this topic module, students will delve into the theoretical foundations of preservation and examine the evolution of preservation practices in the field of architecture. Through case studies and critical analysis, students will gain insight into the ethical considerations, philosophies, and methodologies that underpin preservation efforts. The module will also explore the role of technology and innovation in modern preservation practice. 2. Planning for Preservation (4 weeks): This topic module focuses on the strategic aspects of preservation projects, emphasizing the importance of comprehensive planning and documentation. Students will learn how to conduct site assessments, develop conservation plans, and navigate the regulatory processes involved in preserving historic structures. Emphasis will be placed on understanding the significance of cultural heritage and community engagement in preservation planning. 3. Alterations and Additions (4 weeks): In this topic module, students will examine the principles and best practices of making alterations and additions to historic buildings. Through case studies and hands-on exercises, students will learn how to balance the needs of contemporary users with the preservation of historic fabric. Topics covered will include adaptive reuse, sustainable design strategies, and the integration of modern amenities in historic structures. 4. Preservation Law (3 weeks):	

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	This module provides an overview of the legal frameworks that govern preservation efforts at the local, national, and international levels. Students will explore key legislation, regulations, and standards that shape preservation practice, including zoning laws, heritage protection acts, and international charters. Special focus will be placed on understanding the role of stakeholders, advocacy groups, and governmental agencies in shaping preservation policy.
General Course Description:	This advanced course in preservation in architectural practice is designed for master's level architectural students who seek to deepen their understanding of preservation theory, modern practice, planning, and relevant legal frameworks. As a general introduction, this course is suited for aspiring architectural professionals who aim to practice in any urban landscape where heritage structures may be present, even if they do not intend to specialize in heritage conservation. Students will explore the complexities of preserving and adapting historic structures within the context of contemporary architectural practice. Throughout the course, students will engage in hands-on projects, site visits, and possible discussions with industry experts to gain practical insights into the challenges and opportunities of preservation in architectural practice. By the end of the course, students will be equipped with general knowledge and skills to navigate the complexities of preserving our built heritage while meeting the evolving needs of contemporary design objectives.
Course Materials:	Tyler, Norman, *Historic Preservation*. W.W. Norton & Company Inc., New York, 1994. Fitch, James Marston, *Cultural Management of the Built World*, University Press of Virginia, Charlottsville, VA, Byard, Paul Spencer, *The Architecture of Additions: Design and Regulation*, W.W. Norton & Company Inc., New Tung, Anthony M., *Preserving the World's Greatest Cities*, First Paperback Edition, Three Rivers Press, New Yor Nesbitt, Kate (editor), *Theorizing a New Agenda for Architecture: An Anthology of Architectural Theory 1965 −1* Architectural Press, New York, 1996. *Nara Document on Authenticity, 1994*. (drafted at the Nara Conference on Authenticity in Relation to the World Heritage Convention, held at Nara, Japan, from 1-6 November 1994) www.icomos.org *United Nations Educational, Scientific, and Cultural Organization Convention Concerning The Protection Of The And Natural Heritage*. Adopted by the General Conference at its seventeenth session Paris, 16 november 1972. http://whc.unesco.org/ *Interpretation Charter of ICOMOS International Scientific Committee on Interpretation and Presentation of Cultu Sites*. Draft of April 2007. *International Charter for the Conservation and Restoration of Monuments and Sites (the Venice Charter, 1964)*. S International Congress of Architects and Technicians of Historic Monuments, 1964. International Standard ISO 13822:2001. *Bases for design of structures- Assessment of existing structures*. Correcte 2003-02-15. *Draft of Annex on Heritage Structures for the revised version of ISO 13822*, prepared by the safety work group of ISCARSAH 2001. *Recommendations for the Analysis and Restoration of Historical Structures*. International Com Analysis and Restoration of Structures of Architectural Heritage, ICOMOS. www.icomos.org.

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SEMESTER 9		
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: 3rd Semester of MA Programme, Winter Term
Course Title	**Architectural Design 9**	
Course Code	AD9	
Professor(s):	Studio Leaders D_ Zuzana Drahotová M_ Winy Maas 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:	At the end of the ninth semester: • 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 begin to develop a critical theoretical position within contemporary debate. • 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?".
General Course Description:	**Heritage Preservation** – horizontally organized studios A building in public space and its modernisation, refurbishment, revitalisation, transformation. One of the topical questions of current architectural production is a conversion of existing unused buildings located in city centres, on their outskirts or in satellites. The areas of unused, empty plots are alarming, and only a few municipalities resort to mapping or re-using them. That is the type of problem the course "*Architectural Design 8*" examines. The main topic is a conversion of an unused (or inappropriately used) building located in an urbanised environment. A new function introduces a new challenge, new requirements on such building's volumetric and plan design, new technical and technological needs. No less important is also the economic analysis, accessibility, and construction technology design as well as its sustainability. Ever since the beginning of a design process, city population, permanent or temporary, local communities, associations, as well as local or municipal councils, must be taken into consideration. Moreover, last but not least, an opinion on project financing is no less important. A new function can act as an inspirational detonator in a given area and re-influence not only its life but the functioning of the given neighbourhood, too (examples of an excellent Dutch practice).
Course Materials:	Ricky Burdett and Deyan Sudjic (eds.), The Endless City, London: Phaidon Press 2010 David Harvey. The Condition of Postmodernity, Oxford: Blackwell Publishers, 1991 Ulrich Beck, Risk Society: Towards a New Modernity, London: Sage Publications, 1992 Hays, K. Michael (ed.), Architecture Theory since 1968, Cambridge, MA and London, England: MIT Press 2000 Girouard, M., Cities and People Koolhaas, Rem., Delirious New York: A Retroactive Manifesto for Manhattan, New York: Monacelli Press, 1978

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Monument Preservation		**MPU**
Preceding Module: None	Responsible Person: Hana Benešovská	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 2nd Semester of MA Programme, Summer Term
Course Title	**Monument Preservation**	
Course Code	MPU	
Professor(s):	Hana Benešovská	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures + Seminars (L+S)	
Examination Form:	Semestral Work + Exam (SW+E)	
Learning Expectations and Outcomes:	By the end of the course, students should be able to understand the extensive role of conservation architect in the architectural heritage protection; detect, reflect on and resolve heritage issues in their own architectural projects.	
General Course Description:	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 make the most of Prague and devote a number of excursions to visit various examples of monument preservation projects from the early 19th century to today's crucial cases. We also address the history of monument preservation, basic methodologies, legislation and bibliography. Based on several case studies, we discuss the extensive role of conservation architect in the architectural heritage protection.	
Course Materials:	Jukka Jokkilehto; *A History of Architectural Conservation*, York, University of *York*, 1986	

Tyler, Norman, Ted Ligibel, and Ilene R. Tyler. *Historic Preservation: An Introduction to Its History, Principles, and Practice*. New York: W.W. Norton & Co, 2009
Riegl, Alois;T*he Modern Cult of Monuments: Its Character and Its Origin* ,Cambridge (Mass.) : MIT Press, 1982.
Poche, Emanuel. *Umělecké Památky Cech*, díly I-IV , Praha: Academia, 1977-1982
Vlček, Pavel. *Umělecké Památky Prahy,* díly I-IV,Praha: Academia, 2000.
Samek, Bohumil. *Umělecké Památky Moravy a Slezska*. díly I-IV Praha: Academia, 1994
Deset století architektury/Ten Centuries of Architecture, díl I-VI, Praha : Správa Parzského hradu : DaDa, 2001 Viard,Jean (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 (po
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

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Building Survey, Investigation and Repair		**BS**
Preceding Module: None	Responsible Person: Julie Maddox	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 3rd Semester of MA Programme, Winter Term
Course Title	**Building Survey, Investigation and Repair**	
Course Code	BS	
Professor(s):	Julie Maddox	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lecture (L) + Seminar (S)	
Examination Form:	Semestral Work (SW) + Exam (E)	
Learning Expectations and Outcomes:	1. Building Survey and Documentation (4 weeks): This module provides students with the foundational knowledge and skills needed to conduct comprehensive building surveys and document existing structures. Students will learn how to interpret historical records, conduct archival research, and utilize advanced surveying techniques to assess the condition of buildings. Emphasis will be placed on developing skills in recording architectural details, documenting material properties, and understanding the cultural significance of built heritage. 2. Investigation and Diagnosis (4 weeks): In this module, students will explore the methods and techniques used to investigate and diagnose structural issues in existing buildings. Topics covered will include condition assessment, non-destructive testing (NDT), materials testing, computational modeling, and modal analysis. Through hands-on exercises and case studies, students will learn how to identify structural deficiencies, assess building performance, and develop effective repair strategies based on diagnostic findings. 3. Structural Materials and Strengthening Techniques (3 weeks): This module focuses on the principles and applications of strengthening techniques for existing buildings. Students will examine a range of approaches to improving the structural integrity and resilience of buildings, including options such as do-nothing strategies, masonry reinforcement, wood conservation, seismic isolation systems, and the use of carbon fiber composites. Through case studies and practical exercises, students will gain an understanding of the factors	

	influencing the selection of appropriate strengthening solutions based on structural analysis and preservation goals. 4. Materials Conservation (3 weeks): In this module, students will explore the principles of materials conservation as applied to stone, masonry, and metal components in existing buildings. Students will learn about the decay mechanisms affecting these materials, conservation treatments, and best practices for preserving their integrity and aesthetic value. Through hands-on workshops and laboratory sessions, students will gain practical experience in assessing material deterioration, selecting appropriate conservation methods, and implementing treatments to ensure the long-term sustainability of building materials.
General Course Description:	This specialized course in investigation and repair of existing buildings is designed for master's level architectural students seeking to enhance their expertise in assessing, diagnosing, and addressing structural issues in historic and contemporary structures. Through a combination of theoretical study and hands-on practical experience, students will develop the skills necessary to evaluate existing buildings, propose effective repair strategies, and ensure the long-term sustainability of built heritage. Throughout the course, students will engage in fieldwork and collaborative projects to deepen their understanding of the complexities of investigating and repairing existing buildings. By the end of the course, students will be equipped with the knowledge and skills to assess structural conditions, propose effective repair solutions, and contribute to the conservation and sustainable management of our architectural heritage.
Course Materials:	Friedman, Donald, *The Investigation of Buildings*. W.W. Norton & Company, New York, New York, 2000. Weaver, Martin, *Conserving Buildings: A Manual of Techniques and Materials*, Preservation Press, John Wiley & Sons, Inc, New York, 1997. Rabun, J. Stanley, *Structural Analysis of Historic Buildings*, John Wiley & Sons, Inc, New York, 2000. Binda, L., Drdácký, M. and Kasal, B (editors), *In-situ evaluation & Non-destructive Testing of historic wood and masonry structures*, NSF/MŠMT supported US-Czech project and RILEM Workshop. 07/2006 Prague, Czech Republic, Institute of Theoretical and Applied Mechanics of the Academy of Science of the Cezch Republic, v.v.i. – ARCCHIP Centre of Excellence

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Pre-diploma Seminar		**PDS**
Preceding Module:None	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 3rd Semester of MA Programme, Winter Term
Course Title	**Pre-diploma Seminar**	
Course Code	PDS	
Professor(s):	Elan Fessler	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Lectures (L) + Seminar (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	The course requires intensive individual research work and periodic progress presentations to the AD studio teachers for their collective feedback. Research material must present the background (of a site, program, thesis), including historical, existing and planned documentation, all basic informative drawings, photographic documentation, other supporting graphics and information, as well as a clearly written argument for the AD10 architectural or urban project. The course meets once a month for progress presentations, discussions, debates and feedback. It is expected that students will be engaged in a broad and deep research into material circumstances and theoretical bases of the project, and that this material will be regularly revised and developed in response to given feedback. This seminar serves as the preparatory phase of AD10 where historical materials, site factors, typological precedents, analytical readings of existing conditions, and other materials are used to develop a thesis and defensible argument for an approach to the project and its expected potential value. Over the semester, this material is to be gathered and assembled in order to serve as the first draft of the first half of the final AD10 project book (to be finalised in the "Theory and Argument" course).	
General Course Description:	The purpose of the course is to research, organise and present materials on a topic/theme/site, which is to become the theoretical and material basis for the AD10 Diploma project. The end result will be:	

	a) a collection of reference materials to be used as a foundation and supporting framework for the final project, **b)** the formulation of a specific and detailed design brief for the AD10 project, **c)** a presentation on the first day of the 4th semester.
Course Materials:	Turabian, Kate L.; Booth, Wayne C., Colomb, Gregory; Williams Joseph M.; *A manual for writers of research papers, theses, and dissertations : Chicago Style for students and researchers*, Chicago : University of Chicago Press, 2013 Lange, Alexandra*; Writing about architecture : mastering the language of buildings and cities / Alexandra Lange ; with photographs by Jeremy M. Lange*, New York : Princeton Architectural Press, 2012. Schmaltz, Bill; *The architect's guide to writing : for design and construction professionals*, Mulgrave, Vic. The Images Publishing Group, 2014. Lange, Alexandra, Lange, Jeremy M.; *Writing about architecture : mastering the language of buildings and cities*, New York : Princeton Architectural Press, 2012 Spector, Tom; Damron, Rebecca L.: *How architects write*, New York, NY : Routledge, 2013 Farrell, Peter; Writing a built environment dissertation : practical guidance and examples, Chichester, West Sussex ; Ames, Iowa : Wiley-Blackwell, 2011.

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Research in Architecture		**RA**
Preceding Module: None	Responsible Person: Ryan Manton	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 3rd 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:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work and Examination (SW+E)	
Learning Expectations and Outcomes:	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. By the end of the course, students should be able to: .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:	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 learn about and discuss the relationship between research and architecture, as well as ethical and professional conduct. They become familiar with elementary steps in formulating a research proposal and become acquainted with selected research methods	

	relevant to the field. There are also emphasis on how research can broaden the remit and opportunities of the architect and help to solve future problems.
Course Materials:	Alexander VD (2016) 'Analysing Visual Material'. In Researching Social Life (fourth edition) edited by N Gilbert & R. Stoneman. London Bail C (2008). 'The Configuration of Symbolic Boundaries against Immigrants in Europe'. American Sociological Review 73(1 Berg BL (2007) Qualitative Research Methods for the Social Sciences (sixth edition). New York, NY: Pearsons. Boddy J (2016) 'The Ethics in Social Research'. In Researching Social Life (fourth edition) edited by N Gilbert & RStoneman. London: Sage Bullock K & McCarthy D (2016) 'Conducting Systematic Reviews in the Social Sciences'. In Researching Social Life (fourth edition) edited by N Gilbert & R Stoneman. London Cronin A (2016) 'Focus Groups'. In Researching Social Life (fourth edition) edited by N Gilbert & R Stoneman. London: Sage Earthy A, Cuncev A & Cronin A (2016) 'Narrative Analysis'. In Researching Social Life (fourth edition) edited by N Gilbert & R Stoneman. London: Sage Fielding N (2016a) 'Ethnography'. In Researching Social Life (fourth edition) edited by N Gilbert & R Stoneman.

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Development		**DE**
Preceding Module: None	Responsible Person: Pavel Satorie	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 3rd Semester of MA Programme, Winter Term
Course Title	**Development**	
Course Code	DE	
Professor(s):	Pavel Satorie	
Contact Hours per Semester:	28	
ECTS (Credits):	3	
Method of Instruction:	Seminars (S)	
Examination Form:	Semestral Work (SW)	
Learning Expectations and Outcomes:	By the end of the course students will be able to discuss, interpret and utilize the knowledge of: Major players in the real estate market Purchase of land Selection of architect Planning Permit Building Permit Marketing Execution documentation Tender Construction procedure Commercialization of the project Final inspection Handing over of construction work • Cadastre registration and handover	
General Course Description:	Development of residential, office, commercial buildings from the point of view of professional developer. What architects should know to fully understand and successfully collaborate with developers. It exclusively concerns the development in the Czech legal environment.	
Course Materials:	Chappell, David : *Report writing for architects and project managers*, Oxford, OX ; Cambridge, MA : Blackwell Science, 1996 Peiser, Richard B; Hamilton, David: *Professional Real Estate Development*, The ULI Guide to the Business, Washington, DC : Urban Land Institute, 2012	

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Squires, Graham; Heurkens, Erwin: *International Approaches to Real Estate Development*, London; New York : Routledge, 2015
Tiesdell, Steve, Adams, David: *Urban Design in the Real Estate Development Process*, Oxford : Wiley-Blackwell, 2011
Peca, Stephen P. : *Real Estate Development and Investment*, Hoboken : John Wiley & Sons, cop. 2009
Bender, Steven: *Modern real estate finance and land transfer : a transactional approach*, New York : Wolters Kluwer Law & Business, 2013.
Atkins, James B, and Grant A. Simpson. *Managing Project Risk: Best Practices for Architects and Related Professionals*. Hoboken, N.J: Wiley, 2008.

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SEMESTER 10		
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: 4th Semester of MA Programme, Summer Term
Course Title	**Architectural Design 10 (Diploma Project)**	
Course Code	AD10	
Professor(s):	Studio Leaders D _ Zuzana Drahotová M_ Winy Maas W-K _ Jaroslav Wertig + Jakub Kopecký	
Contact Hours per Semester:	196	
ECTS (Credits):	20	
Method of Instruction:	Lectures and Seminars (L+S)	
Examination Form:	Semestral Work (SW) + Final State examination (E)	
Learning Expectations and Outcomes:	At the end of the fifth year: • 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 project and implement research skills relevant to the design process, to develop a critical theoretical position within contemporary debate. • 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?"
General Course Description:	Graduation project in architecture-urbanism is a specific task that is a synthesis of not only all the previous classes (*Architectural Design 7 – 9*) but also capitalises knowledge and skills achieved in other courses. Diploma project is the main occupation in the final semester of studies. The topic is an architecture-urbanism project according to a real brief; by its producing, a student proves knowledge of architectural profession and readiness to start practising the art. The work focuses on abilities to understand a given problem, develop a suitable concept, finish its concrete form and appropriately present and defend all that – in a graphic, text, and personal form supported by a physical model. The specific requirements regarding the scope and detail of elaboration develop from the scale and character of the brief. A student prepared a detailed analysis to the given brief in the past semester (in the course of Pre-diploma Seminar) - collected information about the location/plot and available documents, analysed the construction programme and defined problems, examined similar projects, built projects as well as theoretical data in the field of theory of architecture. Referring to the initial rationale, sketches, and photo documentation, a student together with the leading tutor and the assistant selects the most suitable solution that, following an appropriate presentation and defence, completes to the final form. A student consults his or her design with specialists since the very early project phase so that views of other relevant disciplines would become an inherent part of the design. A student will introduce his or her project to the required scale and scope during the second presentation. The goal is to present not only his or her architectural design and integration into the surrounding organism, landscape or urban but also a presentation of formal and graphic appurtenances for the final submission. A partly developed report is an inseparable part of the project. A physical model of the vicinity and the project is essential (presented in alternative designs) – produced during the course *Project Presentation* as it is very closely linked to this course. A student will furthermore compile a detailed report to the project in a complementary course *Project Cover Report*. The final project is introduced and defended at a final presentation before a jury whose members are internal and external professionals – and the *State Final Exam* directly follows this presentation.
Course Materials:	*The Architecture Student's Handbook of Professional Practice*. Chichester: Wiley et Sons, 2014. Neufert, Ernst, Peter Neufert, and Johannes Kister. *Architects' Data*. Chichester, West Sussex: Wiley-Blackwell, 2012. Ramsey, Charles G, and Harold R. Sleeper. *Architectural Graphic Standards*. London: John Wiley & Sons, 2007. Angélil, Marc, Dirk Hebel, and Jørg Himmelreich. *Designing Architecture: A*

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Manual. Basel: Birkhäuser, 2008.
Sarvimäki, Marja. *Case Study Strategies for Architects and Designers: Integrative Data Research Methods.* London: Routledge, 2017.
Deplazes, Andrea. *Constructing Architecture: Materials, Processes, Structures : a Handbook*. Basel: Birkhäuser 2018.
Aravena, Alejandro, and Andrés Iacobelli. *Elemental: Incremental Housing and Participatory Design Manual*. Ostfildern : Hatje Cantz, 2016
Bielefeld, Bert. *Architectural Design*. Basel: Birkhäuser Verlag, 2013

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Theory and Argument		**TA**
Preceding Module: None	Responsible Person: Elan Fessler	Accessibility of Course: MA Arch Compulsory
Prerequisites: None	Duration of the Course: 1 Semester	Frequency: 4th Semester of MA Programme, Summer Term
Course Title	**Theory and Argument**	
Course Code	TA	
Professor(s):	Elan Fessler	
Contact Hours per Semester:	42	
ECTS (Credits):	5	
Method of Instruction:	Lectures + Seminars (L+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:	Preparation of the Master Diploma Project Portfolio. This preparation is expected to take place consistently throughout the semester, in parallel to developments in the AD 10 course, predominantly of the student's own initiative, according to the progress schedule. Materials from the course provide a foundation for the Portfolio. It´s graphic and visual concept is 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, are elaborated in text form, and used as explanatory, analytical and argumentative supports for the Project. **Formats of work:** Research Notebook Standard editorial work in team and individually, pin-ups, group discussion moments, tutorials, supervised self-study	

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Course Materials:	Greg Lynn (Ed.); *Archeology of the Digital: Peter Eisenman, Frank Gehry, Chuck Hoberman, Shoei Yoh*. Berlin: Sternberg Press, 2013 Kwinter, Sanford, and Cynthia Davidson. *Far from Equilibrium: Essays on Technology and Design Culture*. Barcelona: Actar, 2008 *Koolhaas, Rem. "Whatever Happened to Urbanism?"*. In: *Design Quarterly* 1995, ***164***, *Sprawl*. s 28–31 *Koolhaas, Rem.* The Generic City, Sassenheim : Sikkens Foundation, 1995 Koolhaas, Rem. *Junkspace*. New York Review Books, 2016. Lavin, Sylvia. *Kissing Architecture*. Princeton, N.J: Princeton University Press, 2011. Lange, Alexandra*. Writing about architecture : mastering the language of buildings and cities / Alexandra Lange ; with photographs by Jeremy M. Lange*, New York : Princeton Architectural Press, 2012. Schmaltz, Bill: *The architect's guide to writing : for design and construction professionals*, Mulgrave, Vic. The Images Publishing Group, 2014. Wiseman, Carter*: Writing architecture : a practical guide to clear communication about the built environment,* San Antonio : Trinity University Press, 2014 Colquhoun, Alan, *Modernity and the Classical Tradition: Architecture Essays 1980-1987*. Cambridge, MA: MIT Press, 1989 Colquhoun, Alan, *Essays in Architectural Critisism*, The MIT press, 1981 Lange, Alexandra, Lange, Jeremy M. : *Writing about architecture : mastering the language of buildings and cities*, New York : Princeton Architectural Press, 2012 Barrett, Terry : *Criticizing art : understanding the contemporary*, New York : McGraw-Hill, 2012. Forty, Adrian, *Words and Buildings*, Thames & Hudson, 2000 Koselleck, Reinhart, *Critique and Crisis*, The MIT Press 1988 Tafuri, Manfredo, *Theories of Architecture*, NZ, Harper and Row, 1979 Vidler, Anthonz, *Histories of the Immediate Present*, MIT Press, 2008

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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: 4th 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):	5	
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 a well structured, legible and meaningful outputs such as portfolios, proposals, posters or brochures. The better understanding of the principles of layout grid, the visual hierarchy or the typographic rules lay in the core of this course. It also focuses on individual consultations of the diploma project and way of final graphic presentation. By the end of the course students will be able to prepare: layout of the booklet posters of the architectural design project professional portfolio professional presentation / slide show	
General Course Description:	The main goal of the course is to introduce to students the basics of graphic design and typography. To explain them why architects should collaborate with graphic designers (and vice versa). A half of each meeting will have a form of a lecture and the second half will be dedicated to discussion and criticism).	
Course Materials:	Bauer, Erwin K, and Dieter Mayer. *Orientation & Identity: Portraits of International Way Finding Systems = Porträts Internationaler Leitsysteme*. Wien: Springer, 2009 Uebele, Andreas. *Signage Systems & Information Graphics: A Professional Sourcebook*. London: Thames & Hudson, 2009 Samara, Timothy. *Typography Workbook: A Real-World Guide to Using Type in Graphic Design*. Gloucester, Mass: Rockport Publishers, 2011.	

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Samara, Timothy. *Design Elements: A Graphic Style Manual*. Singapore: Page One Pub, 2007.
Erik Spiekermann*: Stop Stealing Sheep & Find Out How Type Works*, San Francisco : Peachpit ©2014
Werner, Megan. *Model Making*. New York: Princeton Architectural Press, 2011.
Dunn, Nick. *Architectural Modelmaking*. London: Laurence King Publishing, 2010
Pascual, i M. E, Pere P. Carbonero, and Ricard P. Coderch. *Advanced Architectural Modelmaking*. New York: W.W. Norton & Co, 2011.