

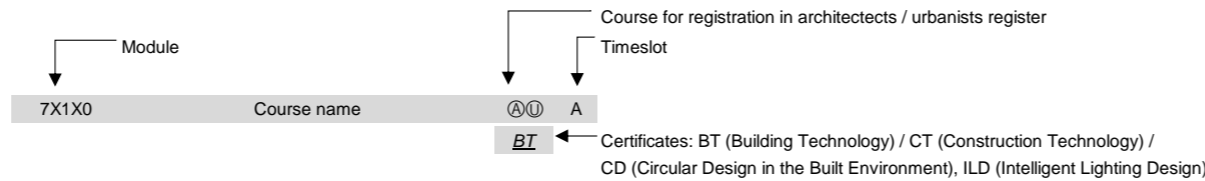
Course overview ABP and CME 2023-2024

For the ABP-tracks SUMT and SMDSA see separate overviews

Version: 31-08-2023

Core course
Specialization elective
Elective
Graduation project

All courses are worth 5 ECTS, unless indicated otherwise
Courses with a * are given every quarter



	Quarter 1	Quarter 2	Quarter 3	Quarter 4		
ABP	AUDE C15-S30-E30-G45	7QX5M0 Seminar urbanism and architecture * (A) (U) A	7QX5M0 Seminar urbanism and architecture * (A) (U) A	7QX5M0 Seminar urbanism and architecture * (A) (U) A	7QX5M0 Seminar urbanism and architecture * (A) (U) A	
		7QW5M0 Research in urbanism and architecture II (A) (U) B	7QW6M0 Architectural and urban theory (A) (U) B	7QX2M0 Masterproject 2 architecture (10 ECTS) (A) DC	7QW2M0 Masterproject 2 urbanism (10 ECTS) (U) DC	7XW1M0 Combined masterstudio Architecture and Urban Design (10 ECTS) (A) (U) DC
		7QX1M0 Masterproject 1 architecture (10 ECTS) (A) DC	7XX9M0 Urban trends and strategies (U) A	7QW1M0 Masterproject 1 urbanism (10 ECTS) (U) DC	7XW1M0 Combined masterstudio Architecture and Urban Design (10 ECTS) (A) (U) DC	7Q4M0 Types and methods in architecture (A) B
		7QW1M0 Masterproject 1 urbanism (10 ECTS) (U) DC	7QX3M0 Architectural engineering (A) D	7XW1M0 Combined masterstudio Architecture and Urban Design (10 ECTS) (A) (U) DC	7Q3M0 Urban planet (U) E	
BPS C30-S30-E15-G45	7LS3M0 Sustainable buildings/physical aspects of building materials A	7S880 Lighting technology (ILD) C	7LS9M0 Heat, air and moisture transfer / CFD1 BC	7LY4M0 Building services and fire safety B		
	7LY3M0 Building performance and energy systems simulation C	7LY6M0 Materials panorama A	7LS8M0 Architectural acoustics D	7LS6M0 Heat, air and moisture transfer / CFD2 E		
	7LS0M0 BPS masterproject design (10 ECTS) X		7LS0M0 BPS masterproject design (10 ECTS) X	7LY7M0 Techniques in architectural acoustics D		
	7LS1M0 BPS masterproject A, research (10 ECTS) X		7LS1M0 BPS masterproject A, research (10 ECTS) X			
SED C25-S30-E20-G45	7KP4M0 Advanced concrete structures DE	7KP3M0 Advanced steel and aluminum structures E	7KP7M0 Stability of structures A	7KP6M0 Finite element method 1 - energy methods and linear simulations E		
	7PP5M0 Resource efficient SED A	7KT4M0 Digital design & manufacturing (2.5 ECTS) C	7KS2M0 Design project high rise building (10 ECTS) A			
	7KP2M0 Design project large span structures (10 ECTS) C		7KP2M0 Design project large span structures (10 ECTS) C			
	7KP1M0 Research project (10 ECTS) X		7KP1M0 Research project (10 ECTS) X			
USRE C25-S30-E20-G45	7KT8M0 Finite element method 2 - nonlinear and multi-scale simulations B	7KK1M0 Geotechnics, soil mechanics and structural dynamics A	7KT1M0 Structural design, capita selecta B			
	7PP4M0 Advanced timber structures B		7KT9M0 Structural design with glass (2.5 EC) D			
	7ZW3M0 Urban planning II (U) E	7ZU3M0 Managing place and property C	7ZW7M0 Urban research methods C	7ZW4M0 Built environment and smart mobility (U) C		
	7ZU4M0 Econometric analysis of housing markets B	7ZW5M0 Smart healthy urban environments D	7ZM8M0 Collaborative design A	7ZM5M0 Process modeling and information management D		
CME C30-S35-E15-G40	7ZZ9M0 Design science methodology and systems engineering B	1CM900 Project management (2.5 ECTS) C	7ZM8M0 Collaborative design A	7ZM5M0 Process modeling and information management D		
	7ZM3M0 Case study process modeling of construction projects (2.5 ECTS) D	7M900 Fundamentals of BIM E	1ZM65 System dynamics D	7ZW4M0 Built environment and smart mobility (U) C		
	7ZZ6M0 Legal & governance aspects X	1ZM20 Technology entrepreneurship A	7ZM1M0 Research and development project (10 ECTS) B			
	7ZM1M0 Research and development project (10 ECTS) AC		7ZM1M0 Research and development project (10 ECTS) B			
All programs	7ZW3M0 Urban planning II (U) E	1ZM120 Entrepreneurial marketing B	7ZU2M0 Redevelopment of problem areas (10 ECTS) B			
	7RC100 Inner-city modular high-rise E		7ZW1M0 Big data for urban & transportation analysis/project (10 ECTS) E			
	7XC1M0 Circularity in the Built Environment A		7ZW7M0 Urban research methods C			
			7ZM7M0 Parametric design (CT) A			
All programs	7KS1M0 Masterproject building technology (BT) AC	7LL1M0 Sports and building aerodynamics A	7KP8M0 Smart building methodology & technology (BT) C	7KP9M0 Building technology with extreme complexity (BT) E		
	7Q1M0 Architectural expression ◊* (A) B3	7Q1M0 Architectural expression ◊* (A) B3	7LY8M0 Smart cities ◊ B	7Q1M0 Architectural expression ◊* (A) B3		
	7Q3M0 Arts and architecture ◊ E	7Q7M0 Architectural analysis ◊ (A) A	7Q1M0 Architectural expression ◊* (A) B3	7Q7M0 Architectural analysis (A) E		
	7Q7M0 Theory and practice of the public domain (U) E	7KS3M0 Practical assignment "Bouwkundewinkel" * X	7Q2M0 Constructing architecture (A) D	7X4M0 The thinking eye ◊ D		
All programs	7QX8M0 Urban form ◊ (U) E	7QW8M0 The built-up heritage over time (A) (U) A	7Q3M0 Arts and architecture ◊ E	7KS3M0 Practical assignment "Bouwkundewinkel" * X		
	7RC100 Inner-city modular high-rise (CT) E		7Q6M0 Architecture and philosophy (A) B	7RC50 Master project construction plan (CT) X		
	7X4M0 The thinking eye ◊ D		7Q8M0 Urban form ◊ (A) (U) E			
	7XC1M0 Circularity in the built environment (CD) A		7KS3M0 Practical assignment "Bouwkundewinkel" * X			
All programs	7KS3M0 Practical assignment "Bouwkundewinkel" * X		7XC2M0 Circularity research a/o design project (10 ECTS) X			
			7CBL1M0 Challenge based learning-smart cities (10 ECTS) (CD) A			

7_AWE0	Internship academic work experience (AUDE: 7QAW0, BPS: 7SAWE0, SED: 7KAW0, USRE/CME: 7ZAW0)	15 ECTS
7_RWE0	Internship relevant work experience (AUDE: 7QRWE0, BPS: 7SRWE0, SED: 7KRWE0, USRE/CME: 7ZRWE0)	5 ECTS
7Q5M0	International academic workshop	5 ECTS
7_45M0	Graduation Project (AUDE A: 7X45M0, AUDE UD: 7W45M0, BPS: 7S45M0, SED: 7K45M0, USRE: 7Z45M0)	You can start a graduation project every quarter 45 ECTS
7X6M0	Graduation Project AUDE A+UD	You can start in Q1 and Q3 60 ECTS
7CC40	Graduation Project CME	You can start a graduation project every quarter 40 ECTS

◊ Course with a maximum number of students that can participate. More details via Osiris Course Catalogue.

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