Course overview ABP and CME 2024-2025

For the ABP-tracks SUMT and SMDSA see seperate overviews

	Core course Specialization elective	Module 🔻	Timeslot		
	Graduation project All courses are worth 5 ECTS, unless indicated otherwise Courses with a * are given every quarter Quarter 1	7X1X0 Course name Quarter 2		e: BT (Building Technology) / CT (Construction Technology) / or Design in the Built Environment), ILD (Intelligent Lighting Desig	n) Quarter 4
AUDE C15-S30-E30-G45	7QX5M0 Seminar urbanism and architecture *	7QX5M0 Seminar urbanism and architecture * 7QW6M0 Architectural and urban theory TS) 7XX9M0 Urban trends and strategies 7QX3M0 Architectural engineering 7QW5M0 Research in urbanism and architecture II	(A) B 7QX2 (A) DC 7QW2	MO Seminar urbanism and architecture * (A) Mo Masterproject 2 architecture (10 ECTS) Mo Masterproject 2 urbanism (10 ECTS) Combined masterstudio Architecture and Urban Design (10	Ø DC⊕ DC
BPS C30-S30-E15-G45	7LS3M0 TLY3M0 TLY3M0 TLY3M0 TLY3M0 TLS3M0 TLS3M0	7S880 Lighting technology 7LY6M0 Materials panorama	A 7LS81 X 7LS01 X 7LS11 X 7LS21	MO Heat, air and moisture transfer / CFD1 MO Architectural acoustics MO BPS masterproject design (10 ECTS) MO BPS masterproject A, research (10 ECTS) MO BPS masterproject B, research (10 ECTS) MO Capita selecta lighting technology	BC 7LY4M0 Building services and fire safety B 7LS6M0 Heat, air and moisture transfer / CFD2 E X X X TLY7M0 Techniques in architectural acoustics D
ABF SED c25-530-E20-G45	7KP4M0 Advanced concrete structures DE 7PP5M0 Resource efficient SED A 7KP2M0 Design project large span structures (10 ECTS) 7KP1M0 Research project (10 ECTS) Finite element method 2 - nonlinear and multi-scale simulations 7PP4M0 Advanced timber structures B	7KP3M0 Advanced steel and aluminum structures 7KT4M0 Digital design & manufacturing (2.5 ECTS) 7KK1M0 Geotechnics, soil mechanics and structural dynamics	B 7KS2l C 7KP1l 7KT1l	MO Stability of structures MO Design project high rise building (10 ECTS) MO Research project (10 ECTS) MO Structural design, capita selecta MO Structural design with glass (2,5 EC)	A 7KP6M0 Finite element method 1 energy methods and linear simulations C X B D
USRE c25-530-E20-G45	7ZW3M0 Urban planning II	7ZU3M0 Managing place and property 7ZW5M0 Smart healthy urban environments 7M900 Fundamentals of BIM	D 7ZM8 E 7ZM1 AC 7ZU2 A 7ZW1	M0 Urban research methods M0 Collaborative design M0 Research and development project (10 ECTS) M0 Redevelopment of problem areas (10 ECTS) M0 Big data for urban & transportation analysis/project (10 ECT) Corporate real estate and workplace strategy	7ZW4M0 Built environment and smart mobility 7ZM5M0 Process modeling and information management B B B C
CME C30-S35-E15-G40	7ZZ9M0 Design science methodology and systems engineering B 7ZM3M0 Case study process modeling of construction projects (2.5 ECTS) 7ZZ6M0 Legal & governance aspects X 7ZM1M0 Research and development project (10 ECTS) 7ZW3M0 Urban planning II	1CM900 Project management (2.5 ECTS) 7M900 Fundamentals of BIM 1ZM120 Entrepreneurial marketing	E 7ZM1 AC 7ZW1 B 7ZW7 7ZM7	MO Collaborative design MO Research and development project (10 ECTS) MO Big data for urban & transportation analysis/project (10 ECT MO Urban research methods MO Parametric design CT MO Smart Building Methodology and Technology	C 1ZM65 System dynamics B
All programs	7KS1M0 Masterproject building technology 7QQ1M0 Architectural expression ◊* 7QQ3M0 Arts and architecture ◊ 7QW7M0 Theory and practice of the public domain 7QX8M0 Urban form ◊ 7RC100 Inner-city modular high-rise 7XX4M0 The thinking eye ◊ 7XC1M0 Circularity in the built environment 7KS3M0 Practical assignment "Bouwkundewinkel" * X BT AC 8 B3 6 7 B 7 B 7 CT 8 7 CT 8 7 CT 9 7 A 7 CT 9 7 A 7 A 7 A 8 CT 9 7 A 7 CT 9 7 A 8 CT 9 7 A 8 CT 9 7 A 8 CT 9 7 CT 9 7 A 8 CT 9 7 CT 9 8 CT 9 7 CT 9 7 CT 9 7 CT 9 7 CT 9 8 CT	7LL1M0 Sports and building aerodynamics 7QQ1M0 Architectural expression ◊ * 7QX7M0 Architectural analysis ◊ 7KS3M0 Practical assignment "Bouwkundewinkel" * 7QW8M0 The built-up heritage over time 7ZW6M0 History of housing and cities	 (A) (B) (B) (C) (D) (E) (E)	MO Smart building methodology & technology MO Smart cities ◊ MO Architectural expression ◊ * MO Constructing architecture MO Arts and architecture ◊ MO Architecture and philosophy MO Urban form ◊ Practical assignment "Bouwkundewinkel" * MO Circularity research a/o design project (10 ECTS) MO Challenge based learning-smart cities (10 ECTS)	E 7QQ1M0 Architectural expression ◊ *
	7_AWE0 Internship academic work experience (AUDE: 7QAWE0, BPS: 7SR 7_RWE0 Internship relevant work experience (AUDE: 7QRWE0, BPS: 7SR 7QQ5M0 International academic workshop 7_45M0 Graduation Project (AUDE A: 7X45M0, AUDE UD: 7W45M0, BPS 7X60M0 Graduation Project AUDE A+UD 7CC40 Graduation Project CME • Course with a maximum number of students that can participate. More det	WE0, SED: 7KRWE0, USRE/CME: 7ZRWE0) : 7S45M0, SED: 7K45M0, USRE: 7Z45M0		You can start a graduation project every quarter You can start in Q1 and Q3 You can start a graduation project every quarter	15 ECTS 5 ECTS 5 ECTS 45 ECTS 60 ECTS 40 ECTS

Course for registration in architectects / urbanists register

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