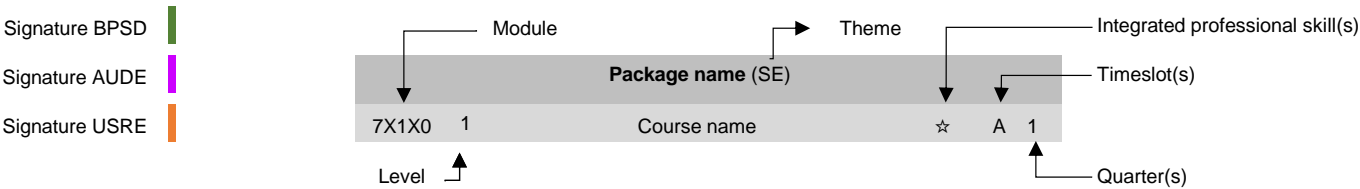


Coherent packages ARCHITECTURE, URBANISM AND BUILDING SCIENCES (2023-2024)

Version: 31-08-2023



Timeslots		Mon	Tue	Wed	Thu	Fri
08:45-10:30	1+2	A	C	B	E	D
10:45-12:30	3+4	A	C	B	E	D
13:30-15:15	5+6	B	E	D	A	C
15:30-17:15	7+8	B	E	D	A	C
17:30-19:15	9+10	E	D	A	B	C

TU/e Themes (Check your Match)
SE Smart Environments
QL Quality of Life
SM Smart Mobility

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

An overview of all electives, coherent/USE packages, professional skills is available at educationguide.tue.nl/bc/aubs

BPS 1: Building, Climate and Systems (SE)				
2DBA0	2	Matrices and Differential Equations	B	2
7S8X0	3	Building Services	E	2
7S9X0	3	Introduction Building Performance	A	4
Recommended for: interest in physics oriented research				

BPS 2: Building and Environment (SE)				
7S0X0	1	Urban Physics: wind, acoustics, insulation and precipitation	A	3
7S9X0	2	Introduction Building Performance	A	4
7S7X0	3	Materialization of Facades and Roofs	D	3
Recommended for: developing design attitude (advisors and engineers)				

The Science of Sound and Music (SE)				
7S5X0	1	Acoustic Awareness	E	2
7S6X0	2	The Science of Sound	A	3
7SAX0	3	Sounds good!	A	4
Recommended for: interest in acoustics (advisors and engineers)				

TU/e wide package

The Liberation of Light (QL)				
0HEUA0	1	Light and Experience	A	2
7HK30	2	Physics of Light and Lighting Design	B	3
7HK40	3	Liberation of Light techincal project	E	1
Recommended for: certificate Engineering Intelligent Lighting (with USE trajectory The Secret Life of Light)				

SD 1: Structural Engineering Advanced (SE)				
2DBA0	2	Matrices and Differential Equations	B	2
7P0X0	3	Steel Structures and Applied Mechanics	A	1
7P9X0	3	Concrete and Masonry Structures	E	2
Recommended for: master track SED, and BEP SD				

SD 2: Structural Engineering Essentials (SE)				
7P8X0	3	Design of Structures	B	4
7P1X0	3	Experimental Research of Structures and Materials	E	3
Recommended for: master track SED				

Architecture (SE)				
7X7X0	1	Geometry and Form	A	2
7X8X0	2	Spatial Imagination	E	3
7X9X0	3	Tectonics and Materiality	D	4

Architecture & Urbanism (SE)				
7T8X0	2	Architecture and Technology OR	B	1
7W0X0	2	Landscape and Public Space	D	3
7X3X0	3	History of European Architecture	E	2
7X0X0	3	Research in Urbanism and Architecture 1	E	4
N.B. pick 7W0X0 OR 7T8X0 to complete the package				

Urbanism (QL)				
7X2X0	1	Urban Case Study	A	4
7W0X0	2	Landscape and Public Space	D	3

Urban Systems, Real Estate, and Construction Management 1 (SE)				
7W9X0	1	Transportation Engineering	A	3
7W7X0	2	Urban Planning	A	1
7U7X0	3	Urban Project & Finance	E	2
Recommended for: master tracks USRE, AUDE (urbanism), and master program CME				

Urban Systems, Real Estate, and Construction Management 2 (SE)				
7U8X0	1	Geographic Modeling of the Built Environment	D	4
7W4X0	2	Mobility	E	4
7M6X0	3	Project Smart Cities	D	3
Recommended for: master tracks SUMT, USRE, and master program CME				

Smart Mobility Design (SM)				
0SEUC0	1	Future of Mobility: how to evaluate predictions and forecasts	A	2
7W3X0	2	Mobility and Logistics	E	4
7GC20	3	Design Project on Smart Mobility	E	1
Recommended for: master tracks SMDSA, SUMT				

package of Dep. of Mathematics and Computer Science

Statistics (SE)				
JBM210	2	Survival and reliability analysis	E	1
JBM200	3	Generalized linear statistical models	D	3
JBM220	2	Multivariate Data Analysis	E	4
Recommended for: master track SMDSA				

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