

Double track AUDE/USRE

CORE COURSES

Core courses Architecture		Quarter	EC	EC cumulative
7QX5M0	Seminar urbanism and architecture	1/2/3/4	5	
7QW5M0	Research in urbanism and architecture	2	5	
7QW6M0	Architectural and urban theory	2	5	
7QX3M0	Architectural engineering	2	5	
7QQ4M0	Types and methods in architecture	4	5	
7QQ1M0	Architectural expression	1/2/3/4	5	
7QQ2M0	Constructing architecture	3	5	
			35	35

Core courses USRE

7ZM5M0	Process modeling and information management	4	5	
7ZU3M0	Managing place and property	2	5	
7ZW3M0	Urban planning 2	1	5	
7ZW4M0	Built environment and smart mobility	4	5	
7ZW7M0	Urban research methods	3	5	
			25	60

SPECIALIZATION ELECTIVES

Specialization electives Architecture*

7QX1M0	Masterproject 1 architecture	1-2	10	
7QX2M0	Masterproject 2 architecture	3-4	10	
			20	80

Specialization electives USRE: choose one out of 3 packages

Package 1: USRE- ISBE

		Quarter	EC	
<u>Choose 10 EC out of 30 EC</u>				
7ZM1M0	Research and development project	1-2/3-4	10	
7M900	Fundamentals of BIM	2	5	
7ZM7M0	Parametric design	3	5	
7ZM8M0	Collaborative design	3	5	
7ZZ9M0	Design science methodology and systems engineering	1	5	
			10	

Package 2: USRE-REMD

<u>Choose 10 EC out of 35 EC</u>				
7ZU1M0	Project: Housing portfolio management	1-2	10	
7ZU2M0	Project redevelopment of problem areas	3-4	10	
7U772	Corporate real estate strategy	3	5	
7ZU4M0	Econometric analysis of housing markets	1	5	
7ZW5M0	Smart healthy urban environments	2	5	
			10	

Package 3: USRE-UPT

<u>Choose 10 EC out of 25 EC</u>				
7ZW1M0	Big data for urban & transportation analysis / project	3-4	10	
7ZW5M0	Smart healthy urban environments	2	5	
7ZM8M0	Collaborative design	3	5	
7ZU4M0	Econometric analysis of housing markets	1	5	
			10	90

GRADUATION PROJECT

7XZ60M0	Combined Graduation Project AUDE/USRE	1/2/3/4		60
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total

150

*)One of these projects must contain an ISBE, REMD or UPT component with co-supervision from the concerned group.