

ANNEX I

Selected students will attend the standard curricula at their home institution. They will have the opportunity to select up to two semesters abroad, coherently with rules defined in the Article 1, 1.a of the present agreement.

In the following tables, possible pre-approved choices of courses are defined for each semester, in each possible host institution.

HOME INSTITUTION:

POLITECNICO DI MILANO

Selected students will attend the standard curricula at their home institution. They will have the opportunity to select up to two semesters abroad (minimum 60 credits at PM).

All courses at the partner institutions are approved to be taken. The degree will be awarded if the requirements of the currently valid study regulations are fulfilled.

Students from POLIMI participating in the program should get in touch with POLIMI student counselling before departure to confirm the courses they want to take abroad to make sure they fit with the regulations in their specific situation.

Mantua Campus: Architectural Design and History (ADH)

Piacenza Campus: Sustainable Architecture and Landscape Design (SALD)

HOME INSTITUTION:

TECHNISCHE UNIVERSITÄT BERLIN

Selected students will attend the standard curricula at their home institution. They will have the opportunity to select up to two semesters abroad (minimum of 60 credits at TUB).

All courses at the partner institutions are approved to be taken. The degree will be awarded if the requirements of the currently valid study regulations are fulfilled. Specifically, this includes courses in the three pillars of the study program, the Master's thesis and elective courses as well as the mandatory internship.

Students from TUB participating in the program should get in touch with TUB student counselling before departure to confirm the courses they want to take abroad to make sure they fit with the regulations in their specific situation.

HOME INSTITUTION:

UNIVERSIDAD POLITÉCNICA DE MADRID

Selected students will attend the standard curricula at their home Institution. They will have the opportunity to select up to two semesters abroad (minimum 60 credits at ETSAM).

All courses at the partner institutions are approved to be taken. The degree will be awarded if the requirements of the currently valid study regulations are fulfilled. Specifically, this includes courses in the three pillars of the study program, the Master's thesis and elective courses as well as the mandatory internship.

Students from UPM participating in the program should get in touch with UPM student counselling before departure to confirm the courses they want to take abroad to make sure they fit with the regulations in their specific situation.

For students of the ETSAM-UPM, before registration it is necessary to check the catalog of subjects that must be taken in the ETSAM-UPM. At this moment it only affects the Subject Planning and Territory.

FIRST YEAR, SECOND SEMESTER (Summer 2nd semester)

POLIMI				
YR	SEM	COURSE	LANG.	ECTS
1	2	History and Theory of Contemporary Architecture	English/Italian	6
1	2	History of contemporary Architecture	Italian	6
1	2	Architectural Design Studio	English	14
1	2	Architectural Preservation Studio	English	10
1	2	Structural Modelling in Architecture and Numerical Computation	English	8
1	2	Architectural Design Studio for Complex Constructions I	English	20
1	2	History of Architecture (History of Contemporary Architecture+History of Modern Art)	English (Mantua)	12
1	2	Sustainability And The Built Environment	English (Mantua)	8
1	2	Architectural Design In Historical Context Studio	English (Mantua)	10
1	2	Sociology of the Environment	English (Piacenza)	4
1	2	Urban and Environmental Design Studio	English (Piacenza)	10
1	2	Urban and Landscape Regeneration Studio	English (Piacenza)	14

TUB					
YR	SEM	COURSE	LANG.	ECTS	MASTER
1	2	Entwurfsprojekt Städtebau I	Ger./Engl.	15	M-Arch
1	2	Design Studio I	Ger./Engl.	15	M-Arch/M-Arch-T
1	2	Architectural Theory/Critique I	English	3/6	M-Arch/M-Arch-T
1	2	Architectural Theory/Theory I	English	3/6	M-Arch/M-Arch-T
1	2	Architectural Theory/Philosophy I	English	3/6	M-Arch/M-Arch-T
1	2	Types + Translation	English	6	M-Arch-T
1	2	Bioclimatic Design II	Ger./Eng.	6	M-Arch-T
1	2	Fine Art Project	English	6	M-Arch-T
1	2	Digital Architectural Production	English	3	M-Arch-T
NOTE: Not all courses will be offered each year. In general students are eligible to choose any course offered in the two master programs.					

UPM-ETSAM					
YR	SEM	COURSE	LANG.	ECTS	MODULE / SUBMODULE
4	7	Proyectos 6 - Architectural Design 6	Spanish / English	12	Project / Projects
4	7	Construcción 3 - Construction and Building Technology 3	Spanish / English	6	Technical / Construction
4	7	Estructuras 3 - Structural Design 3	Spanish	6	Technical / Structural
4	7	Composición Arquitectónica - Architectural Composition	Spanish	6	Project / Composition
4	8	Proyectos 7 - Architectural Design 7	Spanish / English	12	Project / Projects
4	8	Proyecto Urbano - Urban Project	Spanish	6	Project / Urban Planning
4	8	Instalaciones y servicios técnicos - Technical Equipment and Services	Spanish	3	Technical / Facilities
4	8	Electrotecnia, luminotecnia y comunicación - Electric, Lighting and Media Technologies	Spanish	3	Technical / Facilities
4	8	Optativas / Taller Experimental - Optional Experimental Workshop 1	Spanish / English	6	Various

NOTE: Semesters 7 and 8 are taught in the first and second semesters.

SECOND YEAR, FIRST SEMESTER (Winter 3rd semester)

POLIMI				
YR	SEM	COURSE	LANG.	ECTS
2	1	Contemporary Architectural Design Theory	English/Italian	4
2	1	Thematic Studio	English/Italian	10
2	1	Management for Architecture	English	4
2	1	Risk-Based Design	English/Italian	4
2	1-2	Architectural Design Studio for Complex Construction 2	English/Italian	30
2	1	Planning in Historical Context Studio	English (Mantua)	12
2	1	Heritage Management	English (Mantua)	8
2	1	Landscape Design Studio	English (Piacenza)	12

TUB					
YR	SE M	COURSE	LANG.	ECTS	MASTER
2	1	Entwurfsprojekt Hochbau I (Design Studio I)	German/English	15	M-Arch-T/M-Arch
2	1	Entwurfsprojekt Hochbau II (Design Studio II)	German/English	15	M-Arch
2	1	Entwurfsprojekt Städtebau II (Design Studio urbanism II)	German/English	15	M-Arch
2	1	Konstruktive Vertiefung zu Hochbau II (consolidation in construction II)	German/English	9	M-Arch
2	1	Städtebauliche Vertiefung zu Städtebau II (consolidation in urbanism II)	German/English	9	M-Arch
1	1	Type + Model	English	6	M-Arch-T
1	1	Scales + Methodology	English	6	M-Arch-T
2	1	Architectural Theory/Critique I	English	3/6	M-Arch
2	1	Architectural Theory/Theory I	English	3/6	M-Arch
2	1	Architectural Theory/Philosophy I	English	3/6	M-Arch
2	1	Architecture and Sign	German/English	3	M-Arch-T
2	1	Bioclimatic Design I	German/English	3	M-Arch-T
2	1	Fine Art Project	English	3	M-Arch-T
2	1	Digital Architectural Production	English	3	M-Arch-T
NOTE: Not all courses will be offered each year. In general students are eligible to choose any course offered in the two master programs.					

UPM-ETSAM					
YR	SEM	COURSE	LANG.	ECTS	MODULE / SUBMODULE
5	9	Proyectos 8 - Architectural Design 8	Spanish / English	12	Project / Projects
5	9	Mecánica del suelo – Soil Mechanics	Spanish	6	Technical / Structural
5	9	Arquitectura legal - Architectural Regulation	Spanish	6	Technical / Construction
5	9	Planeamiento y Territorio (MFG) - Urban and Land Planning	Spanish	6	Project / Urban Planning
Electives					
5	9 or 10	Intensificación en Composición Arquitectónica - Intensification in Architectural Composition	Spanish	6	Project / Composition
5	9 or 10	Intensificación en Construcción y Tecnología Arquitectónicas – Intensification in Architectural Construction and Technology	Spanish / English	6	Technical / Construction
5	9 or 10	Intensificación en Estructuras de Edificación - Intensification in Building Structures	Spanish	6	Technical / Structural
5	9 or 10	Intensificación en Ideación Gráfica Arquitectónica - Intensification in Architectural Graphic Idea	Spanish	6	Project / Graphic
5	9 or 10	Intensificación en Proyectos Arquitectónicos - Intensification in Architectural Projects	Spanish	6	Project / Projects
5	9 or 10	Intensificación en Urbanismo y Ordenación del Territorio - Intensification in Urban Planning and Land Management	Spanish / English	6	Project / Urban Planning

5	9 or 10	Intensificación en Modelización Arquitectónica – Intensification in Architectural Modeling	Spanish / English	6	Project / architectural parameterization
NOTE: Semesters 9 and 10 are taught in the first and second semesters of year 5.					

SECOND YEAR, SECOND SEMESTER (summer 4th semester)

POLIMI				
YR	SEM	COURSE	LANG.	ECTS
2	2	Thematic Studio	English/Italian	10
2	2	Final Thesis Studio	English/Italian	12
2	2	Elements of Architectural and Environmental Acoustic	Italian	4
2	1-2	Architectural Design Studio for Complex Construction 2	English/Italian	30
2	2	Design of Ultra-Lightweight Building System	English	4
2	2	Filosofia della conoscenza (Epistemology)	Italian	4
2	2	Estetica dell'architettura (Aesthetics of Architecture)	Italian	4
2	2	Geografia politica urbana (Urban Political Geography)	Italian	4
2	2	Ibridazioni e Contaminazioni tra l'architettura Moderna e Contemporanea	Italian	4
2	2	IC Advanced Architectural Design Workshop	English	8
2	2	Progettazione del Paesaggio e degli Spazi Pubblici (Landscape Design and Public Spaces)	Italian	4
2	2	Progetti di Illuminotecnica (Lighting Design Project)	Italian	4
2	2	Sociologia (Sociology)	Italian	4
2	2	Storia dell'arte contemporanea (History of Contemporary Art)	Italian	4
2	2	Teoria e storia degli interni (Theories and History of Interior Design)	Italian	4
2	2	Economic Evaluation of Project	English/Italian	4
2	2	Final Workshop Antico e Nuovo	English (Mantua)	16
2	2	Architectural Design Studio 2	English (Piacenza)	12
2	2	Creativity and Architecture in the Movies	English (Piacenza)	4

TUB					
YR	SEM	COURSE	LANG.	ECTS	MASTER
2	2	Entwurfsprojekt Städtebau I (Design Studio Urbanism I)	German/English	15	M-Arch
2	2	Design Studio I	German/English	15	M-Arch/M-Arch-T
2	2	Architectural Theory/Critique I	English	3/6	M-Arch/M-Arch-T
2	2	Architectural Theory/Theory I	English	3/6	M-Arch/M-Arch-T
2	2	Architectural Theory/Philosophy I	English	3/6	M-Arch/M-Arch-T
2	2	Types + Translation	English	6	M-Arch-T
2	2	Bioclimatic Design II	German/English	6	M-Arch-T
2	2	Fine Art Project	English	6	M-Arch-T
2	2	Digital Architectural Production	English	3	M-Arch-T

2	2	Grundlagen der internationalen Urbanistik (foundations in international urbanism)	German/English	6	M-Arch-T
2	2	Sondergebiet der internationalen Urbanistik (special areas in international urbanism)	German/English	3	M-Arch-T
NOTE: Not all courses will be offered each year. In general students are eligible to choose any course offered in the two master programs.					

UPM-ETSAM					
YR	SEM	COURSE	LANG.	ECTS	MODULE / SUBMODULE
5	10	Proyecto de sistemas constructivos y tecnológicos (MFG) - Building and Technology Systems Design	Spanish / English	6	Project / Construction
5	10	Proyecto de estructuras (MFG) - Structural Design	Spanish / English	6	Project / Structural
5	10	Proyecto de instalaciones (MFG) - Technical Equipment Design	Spanish	6	Technical / Facilities
5	10	Intensificación opcional (MFG) - Optional Extension:	Spanish / English	6	Various
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Composición Arquitectónica - Intensification in Architectural Composition 	Spanish	6	Project / Composition
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Construcción y Tecnología Arquitectónicas – Intensification in Architectural Construction and Technology 	Spanish / English	6	Technical / Construction
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Estructuras de Edificación - Intensification in Building Structures 	Spanish / English	6	Technical / Structural
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Ideación Gráfica Arquitectónica - Intensification in Architectural Graphic Idea 	Spanish	6	Project / Graphic
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Proyectos Arquitectónicos - Intensification in Architectural Projects 	Spanish	6	Project / Projects
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Urbanismo y Ordenación del Territorio - Intensification in Urban Planning and Land Management 	Spanish / English	6	Project / Urban Planning
5	9 or 10	<ul style="list-style-type: none"> Intensificación en Modelización Arquitectónica - Intensification in Architectural Modeling 	Spanish / English	6	Project / architectural parameterization
NOTE: Semesters 9 and 10 are taught in the first and second semesters of year 5.					