



Bachelor Degree in Architecture (Class L17)

First year – 60 credits – academic year 2021/2022 – Architecture Curriculum year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003138	Housing studio	8	--	--	B	PAU	ICAR/14	8	0	120	120	80
1				A003139	Drawing and graphic thinking	A	RA&A	ICAR/17	6	45	15	60	90
1	A002600	Graphic sciences	18	40002542	Project Representation	A	RA&A	ICAR/17	6	54	0	54	96
2				A003140	Digital and parametric modelling - BIM	A	RA&A	ICAR/17	6	54	0	54	96
1,2	40003947	Mathematical analysis and geometry	12	--	--	A	DMA	MAT/05	12	36	120	156	144
2	A003141	City and region (architectural and urban design)	10	40003733	Urban project	B	PU&PT	ICAR/20	6	0	90	90	60
				10000839	Architectural design	B	PAU	ICAR/14	4	18	30	48	52
2	10000928	Ancient topography	4	--	--	C	affini	L-ANT/09	4	27	15	42	58
2	40001507	Ecology	2	--	--	C	affini	BIO/07	2	0	30	30	20
2	40101525	History of architecture I	6	--	--	A	DSA	ICAR/18	6	54	0	54	96



Bachelor Degree in Architecture (Class L17)

Second year – 62 credits – academic year 2021/2022 – Architecture Curriculum year of first enrollment 2020/2021

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A001804	Design and appraisal	12	A000583	Architectural design 3	B	PAU	ICAR/14	8	0	120	120	80
				A000550	Real estate appraisal	B	DEA	ICAR/22	4	36	0	36	64
1	A000557	Foundations of restoration	6	--	--	B	TTRA	ICAR/19	6	27	45	72	78
1	40001535	Statics	6	--	--	B	A&PSA	ICAR/08	6	27	45	72	78
1	40002536	History of architecture II	8	--	--	A	DSA	ICAR/18	8	72	0	72	128
2	A000556	Architectural design and technology	14	A001805	Architectural design 4	B	PAU	ICAR/14	8	0	120	120	80
				A001470	Building elements of architecture [Architectural construction elements]	B	DTA	ICAR/12	6	0	90	90	60
2	40001534	Materials Science	6	--	--	C	affini	ING-IND/22	6	27	45	72	78
2	40002224	Environmental Technical Physics [Engineering physics]	8	--	--	A	DFT&IA	ING-IND/11	8	54	30	84	116

Bachelor Degree in Architecture (Class L17)

Second year – 62 credits – academic year 2021/2022 – Design Curriculum year of first enrollment 2020/2021

Sem	Codice	Insegnamento	Corso	Modulo	Modulo	TAF	discipli	SSD	mod.	lezioni	laboratori	aula	studio
1	A001804	Design and appraisal	12	A000583	Architectural design 3	B	PAU	ICAR/14	8	<i>see Architecture curriculum</i>			
				A000550	Real estate appraisal	B	DEA	ICAR/22	4	<i>see Architecture curriculum</i>			
1	A000557	Fundamentals of restoration	6	--	--	B	TTRA	ICAR/19	6	<i>see Architecture curriculum</i>			
1	40001535	Statics	6	--	--	B	A&PSA	ICAR/08	6	<i>see Architecture curriculum</i>			
1	40002536	History of architecture II	8	--	--	A	DSA	ICAR/18	8	<i>see Architecture curriculum</i>			
2	A002012	Design methods	6	A002014	Design concept	C	affini	ICAR/13	2	18	0	18	32
				A002013	Basic design	C	affini	ICAR/13	4	36	0	36	64
2	A000556	Architectural design and technology	14	A001805	Architectural design 4	B	PAU	ICAR/14	8	<i>see Architecture curriculum</i>			
				A001470	Building elements of architecture [Architectural construction elements]	B	DTA	ICAR/12	6	<i>see Architecture curriculum</i>			
2	40002224	Environmental Technical Physics [Engineering physics]	8	--	--	A	DFT&IA	ING-IND/11	8	<i>see Architecture curriculum</i>			

Bachelor Degree in Architecture (Class L17)
Third year – 64 credits – academic year 2021/2022 – Architecture Curriculum year of first enrollment 2019/2020

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	11540092	Territorial environmental project	12	10000758	Architectural design	B	PAU	ICAR/14	6	0	90	90	60
				40003803	Environmental-urban planning	B	PU&PT	ICAR/20	6	27	45	72	78
1	40001499	Project epistemology	6	--	--	C	affini	M-FIL/02	6	54	0	54	96
1	A002058	Structural engineering	8	40003806	Building science [Structural mechanics]	B	A&PSA	ICAR/08	6	27	45	72	78
				A002327	Differential equations	A	DMA	MAT/05	2	18	0	18	32
1	A002102	Building rehabilitation and sustainability	6	--	--	B	DTA	ICAR/12	6	27	45	72	78
1	40003807	English language test	4	--	--	E	Prova finale	--	4	9	38	47	53
1,2	A000030	Optional activities - Elective credits	12	--	--	D	Crediti scelta	--	12	108	0	108	192
2	10000306	Training [Traineeship]	0-9	--	--	F	Tir&altre-att	--	0-9	0	0	0	225
2	A000912	Other useful knowledge for the world of work	0-9	--	--	F	Tir&altre-att	--	0-9	0	0	0	225
2	40005035	Final exam	3	--	--	E	Prova finale	--	3	0	0	0	75

Bachelor Degree in Architecture with Design (Class L17)
Third year – 64 credits – academic year 2021/2022 – Design Curriculum year of first enrollment 2019/2020

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	40003803	Environmental-urban planning	6	--	--	B	PU&PT	ICAR/20	6	<i>see Architecture curriculum</i>			
1	A000066	Exhibit design	6	--	--	C	affini	ICAR/13	6	18	60	78	72
1	40003810	Product design	10	40002512	Product [Product design]	C	affini	ICAR/13	8	27	75	102	98
				A002604	Philosophy of art	C	affini	M-FIL/02	2	18	0	18	32
1	40003806	Building science [Structural mechanics]	6	40003806	Building science [Structural mechanics]	B	A&PSA	ICAR/08	6	<i>see Architecture curriculum</i>			
1	A002102	Building rehabilitation and sustainability	6	--	--	B	DTA	ICAR/12	6	<i>see Architecture curriculum</i>			
1	40003807	English language test	4	--	--	E	Prova finale	--	4	<i>see Architecture curriculum</i>			
1,2	A000030	Optional activities - Elective credits	12	--	--	D	Crediti scelta	--	12	108	0	108	192
2	10000306	Training [Traineeship]	0-9	--	--	F	Tir&altre-att	--	0-9	0	0	0	225
2	A000912	Other useful knowledge for the world of work	0-9	--	--	F	Tir&altre-att	--	0-9	0	0	0	225
2	40005035	Final exam	3	--	--	E	Prova finale	--	3	0	0	0	75



Bachelor Degree in Urban, Territorial, & Environmental Planning (Class L21)
First year – 57 credits – academic year 2021/2022 – Year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A001979	City and territory	15	A001486	Urban planning	B	A&I	ICAR/20	9	45	60	105	120
				A003139	Drawing and graphic thinking	A	Rappr	ICAR/17	6	45	15	60	90
1	40001033	Geology	3	--	--	C	Affini	GEO/03	3	27	0	27	48
1	A003170	Elective credits	6	--	--	D	Crediti scelta	--	6	54	0	54	96
1	40001501	Mathematical analysis and geometry	12	40002519	Geometry	A	MIS	MAT/03	4	9	45	54	46
2				40002123	Mathematical analysis	A	MIS	MAT/05	8	27	75	102	98
2	40001033	Ancient topography	6	--	--	C	affini	L-ANT/09	6	45	15	60	90
2	40001033	Soils and planning	6	--	--	A	EGG	AGR/14	6	54	0	54	96
2	A002914	Urban planning and graphical representation	12	40003733	Urban project	B	A&I	ICAR/14	6	18	60	78	72
				A002915	Regional planning graphic representation techniques	A	Rappr	ICAR/17	6	54	0	54	96



Bachelor Degree in Urban, Territorial, & Environmental Planning (Class L21)
Second year – 57 credits – academic year 2021/2022 – Year of first enrollment 2020/2021

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A001984	Design and environment	18	A001986	Environmental planning	B	A&I	ICAR/20	6	0	90	90	60
				A002916	Climate and risk management	B	A&I	ICAR/02	6	27	45	72	78
				10001026	Environmental hygiene	C	affini	MED/42	6	36	30	66	84
1	40004779	Landscape ecology	9	11220007	Ecology	A	EGG	BIO/07	6	27	45	72	78
				10800110	Systematic botany	C	affini	BIO/02	3	27	0	27	48
2	40002452	Landscape design	12	10D10460	Landscape architecture	B	A&I	ICAR/15	6	27	45	72	78
				40001054	Soil Science	A	EGG	AGR/14	6	54	0	54	96
2	A001488	Project and context [Planning and context]	12	10000392	Project in the social context	B	A&I	ICAR/20	6	18	60	78	72
				40001308	Cultural antropology	A	EGG	M-DEA/01	6	54	0	54	96
2	10000754	Environmental evaluation	6	--	--	B	A&I	ICAR/22	6	54	0	54	96



Bachelor Degree in Urban, Territorial, & Environmental Planning (Class L21)
Third year – 60 credits – academic year 2021/2022 – Year of first enrollment 2019/2020

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	40003818	Plan and project	15	10D10570	Urban planning and planning tools	B	A&I	ICAR/20	6	27	45	72	72
				40003820	Urban planning	B	A&I	ICAR/21	9	18	105	123	102
1	A001492	Transport	6	--	--	B	A&I	ICAR/05	6	54	0	54	96
1	A002320	Large-scale infrastructure and territory	3	--	--	C	Affini	ICAR/08	3	27	0	27	48
1	40001001	Sociology	6	--	--	B	DES	SPS/07	6	54	0	54	96
1	40003807	English language test	3	--	--	E	Prova finale	L-LIN/12	3	9	25	34	41
1,2	Z1000308	Optional credits	12	--	--	D	Crediti scelta		12	108	0	108	192
2	40002575	Training [Traineeship]	12	--	--	F	Tir&altre-att		12	0	0	0	300
2	40005035	Final exam	9	--	--	E	Prova finale		9	0	0	0	225



Masters degree in Architecture (Class LM4) - Architecture Curriculum

First year – 60 credits – academic year 2021/2022 – Architecture Curriculum - Year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003152	Urban design	10	A003153	Architectural design, module I	B	PU&PT	ICAR/14	6	0	90	90	60
				A003154	Architectural design, module II	B	PU&PT	ICAR/14	2	0	30	30	20
				A003155	Architectural design, module III	B	PU&PT	ICAR/14	2	0	30	30	20
1	A003156	Architectural design and society	6	--	--	B	PAU	ICAR/14	6	36	30	66	84
1	40002226	Building technique [Structural design]	8	--	--	B	A&PSA	ICAR/09	8	36	60	96	104
1	A003157	Philosophy of architecture	6	--	--	C	affini	M-FIL/02	6	54	0	54	96
2	A003158	Communication of cultural and environmental heritage	6	--	--	B	RA&A	ICAR/17	6	45	15	60	90
2	A003159	Cultural and environmental heritage law	4	--	--	B	DESG	IUS/10	4	36	0	36	64
2	A003160	Geology applied to environmental defence	4	--	--	C	affini	GEO/02	4	18	30	48	52
2	A003056	Architectural design in historical contexts - Design and restoration studio	16	11640037	Restoration	B	TTRA	ICAR/19	6	0	90	90	60
				40001527	Planning and landscape	B	PU&PT	ICAR/20	6	0	90	90	60
				A002929	Ancient topography	C	affini	L-ANT/09	4	27	15	42	58



Masters degree in Architecture (Class LM4) - Architecture Curriculum

Second year – 58 credits – academic year 2021/2022 – Architecture Curriculum - Year of first enrollment 2020/2021

Sem	Code	Course unit	Course		TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours	
			ECTS	Module code Module									
1	A002028	Design and sustainability	12	A000910	Architectural design II	B	PAU	ICAR/14	8	0	120	120	80
				40002224	Environmental technical physics [Engineering physics]	B	DFT&IA	ING-IND/11	4	18	30	48	52
1	A002055	Emerging practices in Architecture	10	A000552	Architectural design III	B	PAU	ICAR/14	4	0	60	60	40
				A001474	Technology for sustainable architecture	B	DTA	ICAR/12	6	0	90	90	60
1	40002564	Project methodology	6	--	--	C	affini	M-FIL/02	6	<i>See Architecture first year</i>			
1,2	40004077	Student optional activities	8	--	--	D	CFU a scelta	--	8	72	0	72	128
2	40004115	Computer and telematic skills	3	--	--	F	UAF	--	3	0	0	0	75
2	40005035	Final test	19	--	--	E	PF&L	--	19	0	0	0	475

Masters degree in Architecture (Class LM4) - Design Curriculum

Second year – 58 credits – academic year 2021/2022 – Design Curriculum - Year of first enrollment 2020/2021

Sem	Code	Course unit	Course		TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours	
			ECTS	Module code Module									
1	A002028	Design and sustainability	12	A000910	Architectural design II	B	PAU	ICAR/14	8	<i>See Architecture curriculum</i>			
				40002224	Environmental technical physics [Engineering physics]	B	DFT&IA	ING-IND/11	4	<i>See Architecture curriculum</i>			
1	A002055	Emerging practices in Architecture	10	A000552	Architectural design III	B	PAU	ICAR/14	4	<i>See Architecture curriculum</i>			
				A001474	Technology for sustainable architecture	B	DTA	ICAR/12	6	<i>See Architecture curriculum</i>			
1	A002025	Communication and media design lab	6	--	--	C	affini	ICAR/13	6	6	18	78	72
1,2	40004077	Student optional activities	8	--	--	D	CFU a scelta	--	8	72	0	72	128
2	40004115	Computer and telematic skills	3	--	--	F	UAF	--	3	0	0	0	75
2	40005035	Final test	19	--	--	E	PF&L	--	19	0	0	0	475



Masters Course in Planning and policies for the City, Environment and Landscape (Class LM48)
First year – 58 credits – academic year 2021/2022 – Year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003165	Environmental and regional planning	15	A003166	Planning and environmental design	B	U&P	ICAR/20	6	36	30	66	84
				A003167	Evolution of coastal landscapes	C	affini	ICAR/02	3	18	15	33	42
				A003168	Architectures of the territory	C	affini	ICAR/14	6	36	30	66	84
1	40000440	Urban sociology	6	--	--	B	EPS	SPS/10	6	54	0	54	96
1	A002266	Landscape and Ancient topography	3	--	--	C	affini	L-ANT/09	3	18	15	33	42
1	A002271	Land design	6	--	--	B	Ambiente	AGR/14	6	54	0	54	96
2	A003028	City, environment and infrastructures	15	40004002	Urban Sustainability	B	U&P	ICAR/21	9	18	105	123	102
				A002899	Urban infrastructures	B	IST	ICAR/05	6	27	45	72	78
2	A002328	Urban environment and health	3	--	--	C	affini	MED/42	3	27	0	27	48
2	A002321	Data science and decision making support	6	--	--	B	IST	ING-INF/05	6	54	0	54	96
2	40001734	Further language knowledge [foreign language skills]	3	--	--	F	UAF		3	0	0	0	75
1,2	A003170	Elective credits	3	--	--	D	Cfu liberi		3	27	0	27	48

Masters Course in Planning and policies for the City, Environment and Landscape (Class LM48)
Second year – 62 credits – academic year 2021/2022 – Year of first enrollment 2020/2021

Sem	Code	Course unit	Course ECTS	Module code	Module	TAF	Subject area	Scientific subject area	ECTS	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A002910	Landscape, architecture and biodiversity	18	10D10460	Landscape architecture	B	U&P	ICAR/15	9	54	45	99	126
				A002316	Landscape and architectural heritage	C	affini	ICAR/14	3	27	0	27	48
				A002911	Urban and drainage basin ecology	B	Ambiente	BIO/07	6	54	0	54	96
1	A002912	Policies and projects for sustainable mobility	6	A002913	Transport planning	B	IST	ICAR/05	3	9	30	39	36
				A002277	Methods and techniques for the representation of the territory	C	affini	ICAR/17	3	27	0	27	48
1,2	A000026	Elective credits	6	--	--	D	Cfu liberi		6	54	0	54	96
2	40002575	Training [Traineeship]	12	--	--	F	UAF		12	0	0	0	375
2	40005035	Final Exam	18	--	--	E	PF&L		18	0	0	0	300



Optional course units

Course units that can be taken as elective credits by students of all degree courses – academic year 2021-2022

Sem	Code	Course Units	Scientific subject area	ECTS	Language	Timetabled in degree programme	Target Programme	Theory hours	Practical Lab/ hours	Total contact hours	Private study hours
1	40004738	Landscape archeology	L-ANT/10	2	Italian	CAP-LM48	All	18	0	18	32
1	A002134	Coasts conservation	GEO/02	3	Italian	Arch-LM4	All	27	0	27	48
1	40002542	Project representation	ICAR/17	6	Italian	Urb-L21	All	<i>See Architecture Bachelor Degree</i>			
1	10001026	Environmental hygiene	MED/42	6	Italian	SdaP-L17	All	<i>See Planning Bachelor Degree</i>			
1	A002997	The architects-engineers of the Renaissance, from Brunelleschi to Leonardo da Vinci	ING-IND/22	1	Italian	SdaP-L17	All	9	0	9	16
1	A000064	Materials for Design	ING-IND/22	3	Italian	SdAP-L17	All	9	30	39	36
1,2	A002616	Villard town	ICAR/14	6	Italian	Arch-LM4	All	0	90	90	60
2	A002135	The lighting project in Architecture: theory and practice	ICAR/12	2	Italian	Arch-LM4	All	9	15	24	26
2	A003001	Landscape design and autoconstruction	ICAR/14	3	Italian	Arch-LM4	All	0	45	45	30
2	40001507	Ecology	BIO/07	2	Italian	SdAP-L17	only Design	<i>See Architecture Bachelor Degree</i>			
2	A003140	Digital and parametric modelling - BIM	ICAR/17	6	Italian	Urb-L21	All	<i>See Architecture Bachelor Degree</i>			
2	10000928	Ancient topography	L-ANT/09	4	Italian	SdAP-L17	only Design	<i>See Architecture Bachelor Degree</i>			
2	A003194	Pre-disaster Planning	ICAR/20	6	English	CAP-LM48	All	36	30	66	84
2	A003195	Inclusive cities and cooperation with territories	ICAR/20	3	English	CAP LM48	All	18	15	33	42
2	A003196	Map drawing and cartography	ICAR/17	2	Italian	SdAP-L17	All	9	15	24	26
2	A003197	Circular construction solutions and life cycle thinking	ICAR/12	1	Italian	SdAP-L17	All	9	0	9	16
2	40002722	Aesthetics	M-FIL/02	2	Italian	SdAP-L17	All	18	0	18	32
2	A003198	Biomimetics: Phytoplankton Ecology in Architectural Design and Urban Planning	BIO/07	3	Italian	Urb-L21	All	18	15	33	42
2	10000491	Systemic Ecology	BIO/07	3	Italian	Urb-L21	All	18	15	33	42
2	A003199	Graphical Maths	MAT/05	1	Italian	SdAP-L17	All	9	0	9	16
2	A003200	Bio-drawing: scientific illustration and graphic modelling for the biomimetic project	ICAR/17	1	Italian	SdAP-L17	All	9	0	9	16
2	A003002	Sensitive languages, art and territory	ICAR/20	2	Italian	Urb-L21	All	18	0	18	32