



Bachelor Degree in Architecture (Class L17)

First year – 60 credits – academic year 2022/2023 – year of first enrollment 2022/2023

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003138	Housing studio	8	--	B	PAU	ICAR/14	8	Antonello Marotta	0	120	120	80
1	A003590	Graphic sciences	18	Drawing and graphic thinking	A	RA&A	ICAR/17	6	Enrico Cicalò	45	15	60	90
				Fundamental principles of architectural representation	A	RA&A	ICAR/17	6	Michele Valentino	54	0	54	96
				Digital modelling of architecture	A	RA&A	ICAR/17	6	Contract	54	0	54	96
1,2	40003947	Mathematical analysis and geometry	12	--	A	DMA	MAT/05	12	M. Solci, A.Causin	36	120	156	144
2	A003141	City and region (architectural and urban design)	10	Urban design	B	PU&PT	ICAR/20	6	Contract	0	90	90	60
				Design cultures	B	PAU	ICAR/14	4	Antonello Marotta	18	30	48	52
2	10000928	Ancient topography	4	--	C	affini	L-ANT/09	4	Giovanni Azzena	18	30	48	52
2	40001507	Ecology	2	--	C	affini	BIO/07	2	Silvia Pulina	0	30	30	20
2	40101525	History of architecture I	6	--	A	DSA	ICAR/18	6	PA ICAR/18	54	0	54	96



Bachelor Degree in Architecture (Class L17)

Second year – 60 credits – academic year 2022/2023 – year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003146	Architectural design and construction	12	Architectural design	B	PAU	ICAR/14	6	Samanta Bartocci - Lino Cabras	0	90	90	60
				Technology of architecture	B	DTA	ICAR/12	6	Katia Gasparini	18	60	78	72
1	40001535	Statics	6	--	B	A&PSA	ICAR/08	6	Emilio Barchiesi	27	45	72	78
1	A002058	Structural engineering	6	--	B	A&PSA	ICAR/08	6	Emilio Turco	27	45	72	78
1	40002536	History of architecture II	6	--	A	DSA	ICAR/18	6	Cecilia Rostagni	54	0	54	96
2	A003147	Architectural design and context	10	Architectural design	B	PAU	ICAR/14	6	Laura Pujia	0	90	90	60
				Real estate appraisal	B	DEA	ICAR/22	4	Cristian Cannaos	36	0	36	64
2	A003148	Fundamental principles of restoration	6	--	B	TTRA	ICAR/19	6	Maria Dessì	27	45	72	78
2	40001534	Materials science	6	--	C	affini	ING-IND/22	6	Luca Malfatti	27	45	72	78
2	40002224	Environmental technical physics	8	--	A	DFT&IA	ING-IND/11	8	Martino Marini	54	30	84	116



Bachelor Degree in Architecture (Class L17)

Third year – 60 credits – academic year 2022/2023 – Architecture Curriculum year of first enrollment 2020/2021

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	11540092	Territorial environmental project	12	Architectural design	B	PAU	ICAR/14	6	Gianfranco Sanna	0	90	90	60
				Environmental-urban planning	B	PU&PT	ICAR/20	6	Silvia Serreli	27	45	72	78
1	40001499	Project epistemology	6	--	C	affini	M-FIL/02	6	Fabio Bacchini	54	0	54	96
1	A002058	Structural engineering	8	Building science [Structural mechanics]	B	A&PSA	ICAR/08	6	Emilio Turco	27	45	72	78
				Differential equations	A	DMA	MAT/05	2	Margherits Solci	18	0	18	32
1	A002102	Building rehabilitation and sustainability	6	--	B	DTA	ICAR/12	6	Antonello Monsù Scolaro	27	45	72	78
1	40003807	English language test	4	--	E	Prova finale	L-LIN/12	4	Ricardo Regis + Contract	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 test	3	--	E	Prova finale	--	3		0	0	0	75

Bachelor Degree in Architecture with Design (Class L17)

Third year – 62 credits – academic year 2022/2023 – Design Curriculum year of first enrollment 2020/2021

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	40003803	Environmental-urban planning	6	--	B	PU&PT	ICAR/20	6	Silvia Serreli	<i>see Architecture curriculum</i>			
1	A000066	Exhibit design	6	--	C	affini	ICAR/13	6	Nicolò Ceccarelli	18	60	78	72
1	40003810	Product design	10	Product [Product design]	C	affini	ICAR/13	8	Marco Sironi	27	75	102	98
				Philosophy of art	C	affini	M-FIL/02	2	Fabio Bacchini	18	0	18	32
1	40003806	Building science [Structural mechanics]	6	--	B	A&PSA	ICAR/08	6	Emilio Turco	<i>see Architecture curriculum</i>			
1	A002102	Building rehabilitation and sustainability	6	--	B	DTA	ICAR/12	6	Antonello Monsù Scolaro	<i>see Architecture curriculum</i>			
1	40003807	English language test	4	--	E	Prova finale	L-LIN/12	4	Ricardo Regis + Contract	<i>see Architecture curriculum</i>			
1,2	A000030	Optional activities - Elective credits	12	--	D	Crediti scelta	--	12		108	0	108	108
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 test	3	--	E	Prova finale	--	3		0	0	0	75



Bachelor Degree in Urban and landscape planning. Environmental project of cities and territories (Class L21)
First year – 58 credits – academic year 2022/2023 – Year of first enrollment 2022/2023

Sem	Code	Course unit	Course		TAF	Subject area	Scientific	ECTS	Lecturer	Delivery	ECTS online	ECTS face to face	Theory hours	Practical/ lab hours	Online hours	Face to face hours	Total contact hours	Private study hours
			ECTS	Module			subject area											
1	A003506	Design for the city and the region	12	Urban planning	B	A&I	ICAR/20	6	Contract	Face to face	0	6	0	90	0	90	90	60
				Ecology	A	EGG	BIO/07	6	Cecilia Satta	Blended	3	3	27	45	27	45	72	78
1	A003504	Geology for the landscape	4	--	C	Affini	GEO/03	4	Vincenzo Pascucci	Blended	2	2	27	15	18	24	42	58
1	A003505	Theories and history of urban planning	6	--	B	A&I	ICAR/21	6	Alessandra Casu	Online	6	0	54	0	54	0	54	96
1	A003512	Graphic sciences for city and territory	12	Fundamentals principles of city and territory representation	A	Rappr	ICAR/17	6	Michele Valentino	Blended	3	3	54	0	27	27	54	96
				Digital modelling of city and territory	A	Rappr	ICAR/17	6	RTDA ICAR/17		4	2	36	30	36	30	66	84
1	4000691	Mathematics	6	Linear algebra	A	MIS	MAT/03	3	Andrea Causin	Online	3	0	27	0	27	0	27	48
2				Mathematical analysis	A	MIS	MAT/05	3	Margherita Solci		3	0	27	0	27	0	27	48
2	A003515	Urban design and soil	12	Urban design	B	A&I	ICAR/14	6	RTDA ICAR/14 and Lino Cabras	Blended	0	6	0	90	0	90	90	60
				Soils and planning	A	EGG	AGR/14	6	Gainfranco Capra	Blended	3	3	27	45	27	45	72	78
2	4001527	Ancient topography	6	--	C	affini	L-ANT/09	6	Giovanni Azzena and Busonera	Blended	4	2	36	30	36	30	66	84
58											31	27			279	381		



Bachelor Degree in Urban and landscape planning (Class L21)
Second year – 60 credits – academic year 2022/2023 – Year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003172	Planning and resilience	15	Environmental planning	B	A&I	ICAR/20	9	Paola Rizzi	27	90	117	108
				Environmental hygiene	C	affini	MED/42	6	Marco Dettori	36	30	66	84
1	A002916	Climate and risk management	6	--	B	A&I	ICAR/02	6	Contract	27	45	72	78
1	40004779	Landscape ecology	9	Ecology	A	EGG	BIO/07	6	Antonella Luglié	27	45	72	78
				Systematic botany	C	affini	BIO/02	3	Nicola Sechi	27	0	27	48
2	A001488	Project and context	15	Project in the social context	B	A&I	ICAR/20	6	Paola Pittaluga e Lidia decandia	18	60	78	72
				Environmental geography	B	A&I	ICAR/20	3	Silvia Serreli	9	30	39	36
				History of regions and cities	B	A&I	ICAR/20	6	Lidia Decandia	54	0	54	96
2	10000754	Environmental assessment	6	--	B	A&I	ICAR/22	6	Contract	54	0	54	96
2	40001308	Cultural antropology	6	--	A	EGG	M-DEA/01	6	Domenico Branca	54	0	54	96
2	A003170	Optional credits	3	--	D	Electives		3		27	0	27	48



Bachelor Degree in Urban and landscape planning (Class L21)
Third year – 66 credits – academic year 2022/2023 – Year of first enrollment 2020/2021

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A002920	Law and city government	15	Cities and urban transformations	B	A&I	ICAR/21	3	Alessandro Plaisant	9	30	39	36
				Administration law and regional management	B	DES	IUS/10	6	Domenico D'Orsogna	54	0	54	96
				Urban and housing policies	B	A&I	ICAR/20	6	Paola Rizzi	27	45	72	78
1	A002919	Infrastructure and services for living	12	Urban planning	B	A&I	ICAR/21	6	Alessandro Plaisant	9	75	84	66
				Transport	B	A&I	ICAR/05	6	Tanja Congiu	54	0	54	96
1	11000075	Analysis of major infrastructures	3	--	C	Affini	ICAR/08	3	Emilio Barchiesi	27	0	27	48
1	40003807	English language test	3	--	E	Prova finale	L-LIN/12	3	Ricardo Regis + contratto	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 2022/2023 – Architecture Curriculum - Year of first enrollment 2022/2023

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003488	Urban design	16	Architectural design, module I	B	PU&PT	ICAR/14	8	Miàs Gifre Josep	0	120	120	80
				Architectural design, module II	B	PU&PT	ICAR/14	8	Jorge Lobos	0	120	120	80
1	A003489	Structural design	8	--	B	A&PSA	ICAR/09	8	Gian Felice Giaccu	36	60	96	104
1	A003157	Philosophy of architecture	6	--	C	affini	M-FIL/02	6	Fabio Bacchini	54	0	54	96
2	A003490	Cultural heritage presentation and interpretation	6	--	B	RA&A	ICAR/17	6	Contract	45	15	60	90
2	A003159	Cultural and environmental heritage law	4	--	B	DESG	IUS/10	4	Domenico D'Orsogna	36	0	36	64
2	A003160	Geology applied to environmental defence	4	--	C	affini	GEO/02	4	Vincenzo Pascucci	18	30	48	52
2	A003056	Architectural design in historical contexts - Design and restoration studio	16	Architectural restoration	B	TTRA	ICAR/19	6	Maria Dessi	0	90	90	60
				Planning and landscape	B	PU&PT	ICAR/20	6	Paola Pittaluga	27	45	72	78
				Ancient topography	C	affini	L-ANT/09	4	Roberto Busonera	9	45	54	46



Masters degree in Architecture (Class LM4)

Second year – 60 credits – academic year 2022/2023 – Architecture Curriculum - Year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A003161	Design and sustainability	16	Architectural design	B	PAU	ICAR/14	8	Francesco Spanedda	0	120	120	80
				Real estate appraisal	B	DEA	ICAR/22	4	Cristian Cannaos	36	0	36	64
				Environmental technical physics	B	DFT&IA	ING-IND/11	4	Martino Marini	18	30	48	52
1	A003162	Emerging practices in Architecture	10	Architectural design	B	PAU	ICAR/14	4	Samanta Bartocci, Lino Cabras	0	60	60	40
				Technology for sustainable architecture	B	DTA	ICAR/12	6	Antonello Monsù Scolaro	27	45	72	78
1	10000814	History of architecture	4	--	B	DSA	ICAR/18	4	Cecilia Rostagni	36	0	36	64
1,2	40004077	Student optional activities	8	--	D	CFU a scelta	--	8		72	0	72	128
2	11640053	Training	9	--	F	Tir&altre-att	--	9		0	0	0	225
2	A003164	Professional orientation	1	--	F	Tir&altre-att	--	1		0	0	0	25
2	40005035	Final test	12	--	E	PF&L	--	12		0	0	0	300



Masters Course in Planning and policies for the City, Environment and Landscape (Class LM48)

First year – 60 credits – academic year 2022/2023 – Year of first enrollment 2022/2023

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	ECTS online	ECTS face to face	Theory hours	Practical / lab hours	Online hours	face to face hours	Total contact hours	Private study hours
1	A003165	Environmental and regional planning	18	Planning and environmental design	B	U&P	ICAR/20	6	Silvia Serreli	2	4	36	30	18	48	66	84
				Evolution of coastal landscapes	C	affini	ICAR/02	6	Contract	3	3	36	30	36	30	66	84
				Architecture and territory	C	affini	ICAR/14	6	Gianfranco Sanna	2	4	36	30	18	48	66	84
1	40000440	Urban sociology	6	--	B	EPS	SPS/10	6	Camillo Tidore	4	2	54	0	36	18	54	96
1	A002266	Landscape and Ancient topography	3	--	C	affini	L-ANT/09	3	G.Azzena, Busonera	2	1	9	30	24	15	39	36
1	A002271	Land design	6	--	B	Amb	AGR/14	6	Antonio Ganga	3	3	27	45	27	45	72	78
2	A003028	City, environment and infrastructures	15	Urban Sustainability	B	U&P	ICAR/21	9	Alessandra Casu	3	6	27	90	27	90	117	108
				Urban infrastructures	B	IST	ICAR/05	6	Tanja Congiu	4	2	36	30	36	30	66	84
2	A002328	Urban environment and health	3	--	C	affini	MED/42	3	Marco Dettori	2	1	27	0	18	9	27	48
2	A003527	Evaluation and decision making support	6	--	B	EPS	ICAR 22	6	Contract	2	4	54	0	18	36	54	96
2	40001734	Further language knowledge	3	--	F	UAF	--	3		0	0	0	0	0	0	0	75
60									27	30			258	369			



Masters Course in Planning and policies for the City, Environment and Landscape (Class LM48)
Second year – 60 credits – academic year 2022/2023 – Year of first enrollment 2021/2022

Sem	Code	Course unit	Course ECTS	Module	TAF	Subject area	Scientific subject area	ECTS	Lecturer	Theory hours	Practical / lab hours	Total contact hours	Private study hours
1	A002910	Landscape, architecture and biodiversity	18	Landscape architecture	B	U&P	ICAR/15	9	Stefan Tischer	54	45	99	126
				Landscape and architectural heritage	C	affini	ICAR/14	3	RTDA ICAR/14	27	0	27	48
				Urban and drainage basin ecology	B	Ambiente	BIO/07	6	Bachisio Padedda	54	0	54	96
1	A002912	Policies and projects for sustainable mobility	6	Transport planning	B	IST	ICAR 05	3	Contract	9	30	39	36
				Methods and techniques for the representation of the territory	C	affini	ICAR/17	3	RTDA (ICAR/17)	27	0	27	48
2	A003170	Elective credits	6	--	D	Cfu liberi	--	6		54	0	54	96
2	40002575	Training [Traineeship]	12	--	F	UAF	--	12		0	0	0	300
2	40005035	Final Exam	18	--	E	PF&L	--	18		0	0	0	450

Elective credits - optional course units

Course units that can be taken as elective credits by students of all degree courses – academic year 2022-2023

Sem	Code	Course Units	Scientific subject area	ECTS	Lecturer	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	Elisabetta Garau	Italiano	CAP-LM48	All	18	0	18	32
1	A002134	Coasts conservation	GEO/02	3	Vincenzo Pascucci	Italiano	Arch-LM4	All	27	0	27	48
1	10001026	Environmental hygiene	MED/42	6	Marco Dettori	Italiano	SdaP-L17	All			<i>see Bachelor in Planning</i>	
1	A002997	The architects-engineers of the Renaissance, from Brunelleschi to Leonardo da Vinci	ING-IND/22	1	Plinio Innocenzi	Italiano	SdaP-L17	All	9	0	9	16
1	A002327	Differential equations	MAT/05	2	Margherita Solci	italiano	SdaP-L17	only SdAP Design			<i>see Bachelor in Architecture</i>	
1,2	A002616	Villard town	ICAR/14	6	Samanta Bartocci	Italiano	Arch-LM4	All	0	0	90	60
2	A003001	Landscape design and autoconstruction	ICAR/15	3	Stefan Tischer	Italiano	Arch-LM4	All	0	45	45	30
2	A003198	Biomimetics: phytoplankton ecology in architectural design and urban planning	BIO/07	3	Silvia Pulina	Italiano	Urb-L21	All	18	15	33	42
2	A003580	Anti-seismic structural design lab	ICAR/09	2	Gian Felice Giaccu	Italiano	Arch-LM4	Masters level	9	15	24	26
2	10000491	Systems ecology	BIO/07	2	Cecilia Teodora Satta	Italiano	Urb-L21	All	18	0	18	32
2	A003581	Introduction to coding	ICAR/13	6	RTDA	Italiano	DESIGN-L4	All	24	36	60	90
2	A003584	Ecological monitoring methods and systems in water environments	BIO/07	2	Bachisio Padedda	Italiano	CAP-LM48	Masters CAP	18	0	18	32
2	A003582	Designing in risk landscapes	ICAR/14	3	RTDA	Italiano	CAP-LM48	All	9	30	39	36