



## UNIVERSITY OF SASSARI - DEPARTMENT OF BIOMEDICAL SCIENCES

## THREE-YEAR BACHELOR'S DEGREE IN BIOLOGICAL SCIENCES (class L13, code 1193)

Academic Year 2019/2020

## First Year - cohort 2019/2020

Year	Seme		Course Unit	ECTS	Module		TAF	SSD	Module		Length (h)	Private study (h)
	ster	Code			code	Module			ECTS	Lecturer		
1	1	A002401	Genetic Applications to the Conservation of Water Fauna	4			D	BIO/05	4	Marco Casu	40	60
1	1	40000936	General Chemistry	6			A	CHIM/03	6		52	98
1	1	40001184	Cytology and Histology	12	40000946	Cytology	A	BIO/06	6	Gian Luigi Sciola	52	98
					40000947	Hystology	A	BIO/06	6	Alessandra Spano	52	98
1	1	A002259	Elements of General Microbiology	6			B	BIO/19	6	Daniele Dessi	48	102
1	1	40000672	Physics	6			A	FIS/07	6		52	98
1	2	40003882	Linguistic Skill (English)	6			E	NN	6		71	80
1	2	40000085	Anatomy	12	40000000	Human Anatomy	B	BIO/16	6	Vittorio Lorenzo Mazzarello	52	173
					A000082	Developmental Biology and Comparative Anatomy	B	BIO/06	6	Gian Luigi Sciola	48	102
1	2	40000635	Animal Biology	7			A	BIO/05	7	Marcella Carcupino	56	119
1	2	40000646	Organic Chemistry	6			A	CHIM/06	6		52	98
1		40004117	Other Useful Knowledge for the World of Work Inclusion	3			F	NN	3		75	0
1		40004077	Student Optional Activities	12			D	NN	12		96	204

## Second Year - cohort 2018/2019

Year	Seme		Course Unit	ECTS	Module		TAF	SSD	Module		Length (h)	Private study (h)
	ster	Code			code	Module			ECTS	Lecturer		
2	1	40000242	Biochemistry	9			A	BIO/10	9	Antonio Junior Lepedda	80	
2	1	40000004	Genetics	9			A	BIO/18	9	Daria Sanna	80	145
2	1	40000691	Mathematics	7			A	MAT/05	7		64	111
2	1	40000537	Statistics	6			C	MED/01	6	Maria Giuliana Solinas	56	94
2	2	40000178	Molecular Biology	8			B	BIO/11	8	Ciro Iaccarino	68	132
2	2	40000637	Plant Biology	8			B	BIO/01	8		68	132
2	2	40000592	Systematic Botany	7			B	BIO/02	7		60	115

## Third Year - cohort 2017/2018

Year	Seme		Course Unit	ECTS	Module		TAF	SSD	Module		Length (h)	Private study (h)
	ster	Code			code	Module			ECTS	Lecturer		
3	1	40002739	Clinical Biochemical Analysis	6			C	BIO/12	6	Pierina De Muro	56	94
3	1	40000873	General Physiology	9			A	BIO/09	9	Antonella Pantaleo	80	145
3	1	40000179	General Microbiology	7			C	MED/07	7	Leonardo Antonio Sechi	60	115
3	2	40003882	Linguistic Skill (English)	6			E	NN	6		71	80
3	2	40000951	Ecology	7			B	BIO/07	7		60	115
3	2	40003466	General Hygiene	6			B	MED/42	6	Maria Dolores Masia	52	98
3		40005035	Final Test	6			E	PROFIN_S	6		0	150
3		11000058	Training	13			F	NN	13		156	169



## UNIVERSITY OF SASSARI - DEPARTMENT OF BIOMEDICAL SCIENCES

**THREE-YEAR BACHELOR'S DEGREE IN BIOTECHNOLOGY (class L2, code 1191)**

Academic Year 2019/2020

## First Year - cohort 2019/2020

Year	Seme ster	Code	Course Unit	ECTS	Module code	Module	TAF	SSD	Module ECTS	Lecturer	Length (h)	Private study (h)
1	1	40002790	Cellular Biology	7			B	BIO/06	7	Gian Luigi Sciola	60	115
1	1	40003682	General and Inorganic Chemistry with Laboratory	9			A	CHIM/03	9	Antonio Zucca	80	145
1	1	10310220	Genetics	6			A	BIO/18	6	Daria Sanna	48	102
1	1	40000424	English Language	3			E	L-LIN/12	3		33	42
1	1	40000691	Mathematics	6			A	MAT/05	6		48	102
1	2	10D70500	Plant Biology	6			B	BIO/04	6	Marianna Usai	52	98
1	2	A002101		5			D	AGR/19	5	Maria Luisa Dettori	45	133
1	2	40000646	Organic Chemistry	6			A	CHIM/06	6		48	102
1	2	40000672	Physics	6			A	FIS/07	6		48	102
1	2	40000537	Statistics	6			A	MED/01	6	Maria Giuliana Solinas	48	102

## Second Year - cohort 2018/2019

Year	Seme ster	Code	Course Unit	ECTS	Module code	Module	TAF	SSD	Module ECTS	Lecturer	Length (h)	Private study (h)
2	1	40000627	Anatomy and Physiology	12	40000000	Human Anatomy	B	BIO/16	6	Vittorio Lorenzo Mazzarello	56	94
					40003472	Fundamentals of Physiology of Animal Reproduction	B	VET/02	6	Salvatore Naitana	56	94
2	1	11290004	Biochemistry	9			A	BIO/10	9	Laura Manca	76	149
2	1	10I10101	Law and Patentability	4			B	IUS/01	4	Monica Maria Caterina Cossu	32	68
2	2	11290006	Molecular Biology	9			B	BIO/11	9	Ciro Iaccarino	76	149
2	2	40003478	Biotechnologies Applied to Plant Protection	8			B	AGR/12	8	Virgilio Balmas	72	128
2	2	10D40580	Agricultural Genetics	7			B	AGR/07	7	Giovanna Attene	60	115
2	2	40003471	Applied and General Microbiology	8			B	MED/07	8	Sergio Uzzau, Alessandro Tanca	72	128
2		3000818	Optional Activities	12			D	NN	12		96	204

## Third Year - cohort 2017/2018

Year	Seme ster	Code	Course Unit	ECTS	Module code	Module	TAF	SSD	Module ECTS	Lecturer	Length (h)	Private study (h)
3	1	40003344	Microbial Biotechnologies	8			C	AGR/16	8	Ilaria Maria Mannazzu	72	128
3	1	40003476	General Pharmaceutical Chemistry	7			B	CHIM/08	7	Michele Francesco Luigi Palomba	64	111
3	1	40003480	Integrated Laboratory of Molecular and Biochemical Methodologies	12	40003475	Genetic Engineering	B	BIO/11	6	Claudia Crosio	56	94
					40000992	Biochemical Methodologies	B	BIO/10	6	Paolo Mereu	56	94
3	2	40003483	I.C. Pathology and Veterinary Microbiology Applied to Control of Infectious Diseases	12	A000016	Infectious Disease of Domestic Animals	B	VET/05	6	Marco Pittau	56	94
					40003481	General and Special Pathology	B	VET/03	6	Stefano Rocca	56	94
3		40005035	Final Test	3			E	PROFIN_S	3		0	75
3		40002575	Training	14			F	NN	14		168	182



UNIVERSITY OF SASSARI - DEPARTMENT OF BIOMEDICAL SCIENCES

**TWO-YEAR MASTER'S DEGREE IN EXPERIMENTAL AND APPLIED BIOLOGY (class LM-6, code 1196)**

Academic Year 2019/2020

First Year - cohort 2019/2020

Year	Semester	Code	Course Unit	ECTS	Module		TAF	SSD	Module		Private study (h)	
					code	Module			ECTS	Lecturer		Length (h)
1	1	A000595	Biochemistry and Interplay of Metabolic Pathways	8			B	BIO/10	8	Monica Pirastru	72	128
1	1	40003484	Applied Hygiene	6			B	MED/42	6	Maria Dolores Masia	52	98
1	1	40000203	Clinical Microbiology	8			B	MED/07	8	Pier Luigi Fiori	68	132
1	2	A001939	Animal Biodiversity and Genetic Monitoring	6			B	BIO/05	6	Massimo Scandura	56	94
1	2	40000209	Medical Genetics	6			C	MED/03	6		48	102
1	2	A001941	Applied Statistics Laboratory	3			D	MED/01	3	Maria Giuliana Solinas	28	47
1	2	40000992	Biochemical Methodologies	6			B	BIO/10	6	Marilena Formato	56	94
1	2	A002359	Methodologies and Technologies for the Teaching of Biology	6	A002360	Biochemical Module	D	BIO/10	3	Marilena Formato	28	47
					A002361	Biodiversity Module	D	BIO/05	3	Renata Manconi	28	47
1	2	20028069	Applied Microbiology and Virology	4			D	BIO/19	4	Daniele Dessi	36	64
1		A000026	Italiano	8			D	NN	8		64	136
1		10000307	Training	10			F	NN	10		120	130

Second Year - cohort 2018/2019

Year	Semester	Code	Course Unit	ECTS	Module		TAF	SSD	Module		Private study (h)	
					code	Module			ECTS	Lecturer		Length (h)
2	1	A000605	Epigenetics and Gene Regulation	8			B	BIO/11	8	Claudia Crosio	68	132
2	1	40100021	Pharmacology	6			C	BIO/14	6	Paolo Stefano D'Aquila	48	102
2	2	40003883	Advanced Physiology	6			B	BIO/09	6	Antonella Pantaleo	52	98
2	2	11110020	General Pathology	7			B	MED/04	7	Maria Maddalena Simile	60	115
2		11450019	Final Test	35	40003886	Lavori Conclusivi e Dissertazione Finale	E	PROFIN_S	6		0	150
					40205035	Redazione dell' Elaborato	E	PROFIN_S	2		0	50
					40003884	Svolgimento della Ricerca e Studi	E	PROFIN_S	27		0	675