

Master in Branch : Marine and continental hydrobiology

Specialty: Applied hydrobiology

Brief

Access to this master's cycle training is open to all bachelor's or equivalent degree courses in the specialties of aquaculture and fish farming, marine and continental hydrobiology, fisheries, biology and ecology of aquatic environments, development and protection of coastal and continental zones, and all confused. this training focuses on hydrosystems, aquatic ecosystems, marine and freshwater bioresources, and environmental protection.

Field	Branch	Speciality
Science of nature and life	Marine and continental hydrobiology	Applied hydrobiology

First Semester

Teaching unit	Matter	Credit	Coefficient	C	TD	TP	HV
Fundamental Unit	Applied chemistry	6	3	1h30	1h30	1h30	67h30
	Applied biochemistry	4	2	1h30		1h30	45h00
	Applied microbiology	4	2	1h30		1h30	45h00
	Bioclimatology and environment	4	2	1h30	1h30		45h00
Methodological unit	Geology, topography, hydrology, cartography	4	2	1h30	1h30		45h00
	Biostatistics	5	3	1h30	1h30	1h00	60h00
Discovery unit	Molecular biology	2	2	1h30	1h30		45h00
Transversale Unit	Communication	1	1	1h30			22h30

Second semester

Teaching unit	Matter	Credit	Coefficient	C	TD	TP	HV
Fundamental Unit	Aquatic zoology	6	3	1h30	1h30	1h30	67h30
	Functioning of hydrosystems	4	2	1h30		1h30	45h00
	Fischeries and fisheries management	4	2	1h30	1h30		45h00
	Aquaculture engineering	4	2	1h30	1h30		45h00
Methodological unit	Water treatment	4	2	1h30	1h30		45h00
	GIS and cartography	5	3	1h30	1h30	1h00	60h00
Discovery unit	Marine and aquatic technology	2	2	1h30	1h30		45h00
Transversale Unit	Legislation	1	1	1h30			22h30

Third semester

Teaching unit	Matter	Credit	Coefficient	C	TD	TP	HV
Fundamental Unit	Ecolosion process and rearing	6	3	1h30	1h30	1h30	67h30
	Reproductive biology	4	2	1h30		1h30	45h00
	nutrition	4	2	1h30		1h30	45h00
	Food technology	4	2	1h30	1h30		45h00
Methodological unit	Laboratory management	4	2	1h30	1h30		45h00
	Introduction to research	5	3	1h30	1h00	1h00	60h00
Discovery unit	Sedimentolgy	2	2	1h30		1h30	45h00
Transversale Unit	entrepreneurschip	1	1	1h30			22h30

Fourth Semester Internship in a company sanctioned by a thesis and a defense.

	VHS	Coeff	Crédits
Personal Work	187h30	5	9
Internship in a company	62h30	2	3
Seminars			
Other (Supervision)	500h00	10	18
Total Semester 4	750	17	30

