

ECOSYSTEM APPROACH TO INTEGRATED COASTAL ZONE MANAGEMENT

Credits: 5 ECTS

Detailed programme:

LEARNING BLOCK	TOPIC OR ACTIVITY
B1	Presentation. Ecosystem-level management.
B2	Ecosystem approach principles: ecosystem functioning.
B3	Ecosystem approach principles: coastal ecosystems.
B4	Ecosystem approach principles: anthropogenic disturbances and their effects.
B5	Management and conservation of birds on the coast.
B6	Management and conservation of coastal sand dune systems.
B7	Management and conservation of vulnerable species.
B8	Causes, effects and management of biological invasions.
B9	Management and conservation of seagrass beds.
B10	Causes, effects and management of coastal eutrophication.
B11	Use of artificial reefs in the management of coastal resources.
B12	Management of areas of interest for aquaculture.
B13	Use of quality indicators in the management of coastal ecosystems.
B14	Planning and management of metropolitan parks. The case of <i>Los Toruños</i> .
B15	Causes, effects and management of red tides.
B16	Causes, effects and management of jellyfish blooms.
B17	Field trip: metropolitan park of <i>Pinar de la Algaiga</i> and <i>Los Toruños</i> .
B18	Field trip: metropolitan park of <i>Pinar de la Algaiga</i> and <i>Los Toruños</i> .

Evaluation system:

	SYSTEM	WEIGHT
	Final exam	50 – 80
	Written essays	20 – 40
Attendance and participation in theory and practical classes, seminars, mentoring and other complimentary activities		0 – 20