AQUATIC TOXICOLOGY

Responsible professor: MARÍA ISABEL ARUFE FERNÁNDEZ
Credits: 2,0 ECTS

Brief description of the contents:

- Aquatic Toxicology: concepts and principles
- Calculation of toxicity indices
- Aquatic toxicity testing
- Sediment toxicity testing
- Alternative methods in aquatic toxicology
- Role of biotransformation in the toxicity and destination of aquatic contaminants
- Biomarkers for water pollution

Detailed programme:

LEARNING BLOCK	TOPIC OR ACTIVITY
B1	Aquatic toxicology: concepts and principles.
B2	Calculation of toxicity indices (computer class).
B3	Biomarkers for water pollution.
B4	Aquatic toxicity testing: testing with invertebrates and fish.
B5	Aquatic toxicity testing: testing with algae and luminescent bacteria.
B6	Sediment toxicity testing.
B7	Laboratory class.
AAD	Laboratory class.

Evaluation system:

SYSTEM	WEIGHT
Final exam	40 – 60
Written essays	40 – 60
Presentation of exercises, topics and projects	0 – 30
Laboratory practices and/or practice report	0 – 30