

**COURSE DATA****Data Subject**

Code	43279
Name	Limnology
Cycle	Master's degree
ECTS Credits	3.0
Academic year	2018 - 2019

Study (s)

Degree	Center	Acad. year	Period
2148 - M.D. in Biodiversity: Conservation and Evolution	Faculty of Biological Sciences	1	First term

Subject-matter

Degree	Subject-matter	Character
2148 - M.D. in Biodiversity: Conservation and Evolution	13 - Cross-disciplinary optional subject areas 3	Optional

Coordination

Name	Department
ARMENGOL DIAZ, JAVIER	275 - Microbiology and Ecology

SUMMARY**English version is not available**

El “Master en Biodiversidad: conservación y evolución” se constituye como programa de postgrado dirigido a la formación de profesionales e investigadores dedicados al mantenimiento de la diversidad biológica. La formación previa de los ingresados les debe haber proporcionado los conocimientos, habilidades y destrezas que sirven como base a los desarrollos más especializados que se realizan en este Master. La asignatura LIMNOLOGÍA pretende facilitar a los estudiantes información que le permita conocer la estructura y el funcionamiento de los ecosistemas acuáticos de aguas epicontinentales (ríos, lagos, embalses, humedales), y así entender los principales procesos ecológicos que se dan en ese entorno. Del mismo modo se pretende inducir una actitud crítica frente a las actividades que no sean respetuosas con la calidad ambiental de estos sistemas favoreciendo el uso sostenible de los mismos compatible con su conservación y el mantenimiento de su biodiversidad.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

Los conocimientos previos del alumno deben incluir una amplia base sobre Biología, incluyendo los conocimientos básicos de Ecología impartidos en estudios de grado o de adaptación desde una titulación de grado distinta a la de C. Biológicas o C. Ambientales.

OUTCOMES

2148 - M.D. in Biodiversity: Conservation and Evolution

- Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.
- Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.
- Students should demonstrate self-directed learning skills for continued academic growth.
- To acquire basic skills to develop laboratory work in biomedical research.
- Be able to access the information required (databases, scientific articles, etc.) and to interpret and use it sensibly.
- Stimulate the capacity for critical reasoning and for argumentation based on rational criteria.
- Favour intellectual curiosity and encourage responsibility for one's own learning.

LEARNING OUTCOMES

English version is not available

**WORKLOAD**

ACTIVITY	Hours	% To be attended
Theory classes	20,00	100
Laboratory practices	10,00	100
Attendance at events and external activities	6,00	0
Development of group work	6,00	0
Study and independent work	15,00	0
Readings supplementary material	5,00	0
Preparation of evaluation activities	4,00	0
Preparation of practical classes and problem	4,00	0
Resolution of case studies	5,00	0
TOTAL	75,00	

TEACHING METHODOLOGY**English version is not available****EVALUATION****English version is not available****REFERENCES****Basic**

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- Frid, C. L. & Dobson, M. 2002. Ecology of Aquatic Management: Aquatic Resources, Pollution and Sustainability. Prentice Hall.
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- Margalef, R. 1981. Limnología. Omega. Barcelona.
- Miller, G. T. 2002. Introducción a la ciencia ambiental. Thomson
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