

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

Code	33188
Name	Legal aspects of molecular biosciencies
Cycle	Grade
ECTS Credits	4.5
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. year	Period
1102 - Degree in Biotechnology	Faculty of Biological Sciences	3	First term

Subject-matter

Degree	Subject-matter	Character
1102 - Degree in Biotechnology	91 - Legal and business aspects of molecular biosciencies	Obligatory

Coordination

Name	Department
SALDAÑA VILLOLDO, BENJAMIN	70 - Mercantile Law 'Manuel Broseta Pont'

SUMMARY

Biotech legal aspects is a compulsory subject developed the first semester of the third course of the Degree in Biotechnology. It is 4.5 credits and 112,5 chargeable hours of work for the students.

The contents are the following:

- Eu and domestic Legislation about biotechnology and GMO.
- Experiments with animals



- CBiosecurity and risk management.
- Quality international rules.
- Protection of innovation (patents and other rights)
- Contracts and biotechnology.
- Start-ups and biotechnology.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

no law background is required

OUTCOMES

1102 - Degree in Biotechnology

- Saber aplicar los conocimientos en Biotecnología al mundo profesional.
- Capacidad de interpretar las consecuencias éticas y sociales de la experimentación Biotecnológica.
- Capacidad para transmitir ideas, problemas y soluciones empresariales a partir de la Biotecnología.
- Desarrollo de habilidades para transferir la formación biotecnológica al mundo empresarial.
- Capacidad para aplicar la legislación en materia de seguridad, manipulación de organismos y eliminación de residuos.
- Conocer las bases del diseño empresarial su aplicación a las empresas biotecnológicas.
- Saber diseñar y ejecutar un protocolo completo de elaboración de una patente.
- Saber utilizar la lengua inglesa en la redacción de informes, patentes y comunicaciones.

LEARNING OUTCOMES

The goals to reach are the following:

- Understanding of the legal framework of biotechnology and research



- subject of research
 - ways of legislation
 - protection of research's results
 - trasmission of research's results
- Basics knowledge of Biotech companies, start-ups
- Identification of legal responsability derived from research activities
- exploitation of results

DESCRIPTION OF CONTENTS

1.

2.

3.

4. GMO

5.

6.

7.

8.

9.

**10.****11.****WORKLOAD**

ACTIVITY	Hours	% To be attended
Theory classes	31,00	100
Classroom practices	12,00	100
Tutorials	2,00	100
Study and independent work	17,00	0
Preparing lectures	32,50	0
Preparation of practical classes and problem	18,00	0
TOTAL	112,50	

TEACHING METHODOLOGY

The course is both theoretical and practical to get an proactive student and to provide him/her the ability to understand the main problems and concepts of the materia.

Several sources (Legal texts, rules, academic articles) are the basis of the course. Case by case method is used in practices.

Social networks as twitter will provide a permanent source of articles and references to the students in a 140 format

EVALUATION

1. At the end, an exam will be the skill to evaluate the complete list of themes
- 2.- Qualifications are not kept from one exam to the other.
- 5.- Once the final exam is passed through, the exam will be 7 points and the practices and regular assistance to the course will be 3 points



REFERENCES

Basic

- GUILLEM CARRAU, J., Manual de bioderecho para no juristas, Valencia, Tirant lo Blanch, 2013.
- BROSETA PONT, M. y MARTÍNEZ SANZ F., Manual de Derecho Mercantil, Vol 1, Madrid, Tecnos, 2015.