

Teaching guide

IDENTIFICATION DETAILS

Degree:	Biotechnology		
Field of Knowledge:	Science		
Faculty/School:	Experimental Science		
Course:	BIO-LAW		
Type:	Optional	ECTS credits:	3
Year:	4	Code:	2045
Teaching period:	Seventh semester		
Area:	Social Aspects of Biotechnology		
Module:	Social, Historic and Economic Aspects of Biotechnology		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	75		

SUBJECT DESCRIPTION

Se parte de una concepción del derecho como realidad específicamente humana que es consecuencia de la sociabilidad natural del ser humano y del profundo anhelo de justicia que reside en nuestro interior. Desde esta perspectiva, se analizan las distintas acepciones del término "derecho" y la relación entre persona y derecho.

En el tema 2 se analiza la relación entre bioética y biojurídica. Sabemos que la bioética surge por la necesidad de proteger la dignidad del ser humano ante investigaciones y descubrimientos científicos capaces al mismo tiempo de aportar grandes beneficios al ser humano y de causarle graves daños. Pero la respuesta de la bioética, aun siendo insustituible, es insuficiente porque únicamente opera en el plano interno de la conciencia. Se impone, por

tanto, una regulación jurídica que ofrezca garantías de que se van a respetar los derechos de la persona tanto en la investigación científica como en sus desarrollos tecnológicos.

En el tema 3 se estudian algunos conceptos básicos para comprender el mundo del bioderecho y la biojurídica, conceptos que todo biotecnólogo necesita conocer para moverse con libertad y responsabilidad en el ámbito legislativo aplicable a su actividad profesional.

En el tema 4 se estudian las principales disposiciones legislativas y tratados internacionales vigentes, su alcance, sentido e interpretación. Y, finalmente, se abordan con detalle algunas de las principales cuestiones biojurídicas que pueden resultar de interés para el biotecnólogo.

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

To acquire firm theoretical, practical, technological and humanistic training needed to develop professional activity.

To be familiar with and apply current legislation governing biotechnological processes and products.

To understand the ethical implications of professional and personal activity.

To have acquired the ability for analytical, synthetic, reflective, critical, theoretical and practical thought.

To foster a concern for knowledge as a key tool in the personal and professional growth process of a student.

To develop oral and written communication skills.

Specific skills

To apply current legislation and regulations governing biotechnological processes and products.

To be able to approach a subject by means of rigorous, profound and comprehensive thought.

Capacity for written and oral communication of the knowledge acquired.

To analyse and sum up key ideas and content regarding all manner of texts; to discover the theses incorporated within them and the issues raised; and to make critical judgments about their form and content.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
30 hours	45 hours