



Actividades Transversales de Doctorado
Universidad Politécnica de Cartagena
Curso 2020/21

1. Información general de la actividad /General course information					
Nombre/ Name	Open research data and data management plans				
Nivel /Level	Doctorado				
Modalidad de impartición / Teaching mode	Online				
Lengua impartición/ Language	English				
ECTS	1	hours / ECTS	30	Total hours	30

2. Datos del profesorado / Lecture data			
Profesor /Lecturer in charge	Raúl Zornoza Belmonte		
Departamento o Servicio/ Department/Service	Ingeniería Agronómica		
Area de conocimiento /Knowledge area	Edafología y Química Agrícola		
Despacho /Office location	0.10, ETSIA		
Teléfono /Telephone	868 07 1130	email	raul.zornoza@upct.es
URL / WEB	https://personas.upct.es/perfil/raul.zornoza		
Horario de Atención /Office hours	Lunes de 11.00 a 12.00. Consultar disponibilidad previamente por correo electrónico o mediante mensaje en el Aula Virtual		

3. Fechas por edición / Dates	
1ª edición / 1st edition-	
Fecha/Date	December
Horario/Hours	
2ª edición / 2nd edition	
Fecha/Date	April
Horario/Hours	
3ª edición / 3rd edition-	
Fecha/Date	June
Horario/Hours	

(añadir o eliminar tantas ediciones se haga. Si la docencia es continua a lo largo del curso se indicará solo en la 1ª edición)

4. Objetivos del curso/Course objectives
<p>The main objective of this course is to show students how to make their research data findable, accessible, interoperable and reusable (FAIR), to ensure it is soundly managed, a requisite from the European Commission. Good research data management is the key conduit leading to knowledge discovery and innovation, and to subsequent data and knowledge integration and reuse.</p> <p>The research programs from the European Commission, and soon also from Spanish State, aim to improve and maximize access to and re-use of research data generated by projects and takes into account the need to balance openness and protection of scientific information, commercialization and Intellectual Property Rights. Every researcher should know how to manage the generated research data and how to make it accessible and available, or to protect it when needed.</p>
5. Contenidos teóricos / Theory programme
<p>Unit 1. Why to manage our research data. The FAIR concept (findable, accessible, interoperable and reusable data)</p> <p>Unit 2. Data Management Plan. Identification of types of data we can generate. Content of the Plan. Online resources to write a Data Management Plan.</p> <p>Unit 3. Repositories to make our data FAIR. Database search engines.</p>
6. Contenidos prácticos / Practical programme
<ol style="list-style-type: none"> 1. Identify the data you will generate in your research. 2. Use the online platform DPMonline to learn how to make Data Management Plans. 3. Select the most suitable repository to make your data FAIR.
7. Sistema de evaluación/ Sistem of evaluation
<p>Delivery of the three practical activities through the platform Aula Virtual:</p> <p>Practice 1: 30%</p> <p>Practice 2: 40%</p> <p>Practice 3: 30%</p>

**8. Distribución horaria de los contenidos, incluyendo las tareas de los alumnos
/ Hours distribution**

Activity	Location	Hours
Theory programme	Online	15
Practice programme	Online	11
Tutoring	Online or office 0.10	4
		30
