

## Formulario para la adaptación de la Guía Docente de una Asignatura

Nombre de la Titulación	Master's in Physics and Physical Technologies
Coordinador/a	Gloria Luzón Marco
Código de Plan	
Nombre de la Asignatura	Statistical physics of critical phenomena and complex systems
Código de la Asignatura (este código aparece en la guía docente)	<b>60035</b>

### 1. Adaptaciones en el programa (revisión y adaptación de los contenidos de la asignatura):

\* In section 4.3, the topics in Syllabus numbered 9 and 10 are left aside, because they were designed to be the content of projects for oral presentations

### 2. Adaptaciones en la metodología docente (clases *online*, videos grabados, ...)

\* In section 4.1, oral presentations and projects are abandoned. From mid-march on, lectures on blackboard became impossible. Content was delivered through written Lecture Notes, from topic numbered 4 in Syllabus; explicitly:

4.- Mean field theory

5.- The Landau-Ginzburgh model. Fluctuations.

6.- Percolation.

7.- Scaling hypothesis.

8.- Renormalization Group and its implementation on lattice models.

\* In section 4.2, the learning task "Study, oral presentation and class discussion, of selected research articles" is left aside. See paragraph above regarding lectures and practice sessions.

### 3. Adaptaciones en la evaluación:

\* The whole content of section 3.1 is substituted by the following paragraph:

A continuous evaluation will take into account the personal work of the students throughout the course. The students will have to solve sets of (homework) exercises in almost every course section. The student's final mark (100%) will be based on the solutions presented.