



# Guía docente

## 13182 - RSEM - Seminario de Investigación

Última modificación: 13/05/2015

**Unidad responsable:** Escuela Técnica Superior de Ingeniería de Telecomunicación de Barcelona  
**Unidad que imparte:** 744 - ENTEL - Departamento de Ingeniería Telemática.

**Titulación:** MÁSTER UNIVERSITARIO EN INGENIERÍA TELEMÁTICA (Plan 2009). (Asignatura optativa).  
MÁSTER UNIVERSITARIO ERASMUS MUNDUS EN INGENIERÍA FOTÓNICA, NANOFOTÓNICA Y BIOFOTÓNICA (Plan 2010). (Asignatura optativa).  
MÁSTER UNIVERSITARIO EN INGENIERÍA TELEMÁTICA (Plan 2006). (Asignatura optativa).

**Curso:** 2015      **Créditos ECTS:** 5.0      **Idiomas:** Inglés

### PROFESORADO

**Profesorado responsable:** MONICA AGUILAR IGARTUA

**Otros:** MONICA AGUILAR IGARTUA  
JORDI FORNÉ MUÑOZ

### CAPACIDADES PREVIAS

To have basic knowledgement about common concepts in communications networks, such as Internet protocols, wireless and wired networks, quality of service...

To have a level of English high enough to undestarnd the English spoken invited professors who will lecture part of this Seminar.

### REQUISITOS

To have a degree on engineering about computer communications or similar.

### METODOLOGÍAS DOCENTES

Invited professor from the most prestigious Universities will lecture in this Seminar about the most novel technologies in comunication networks. This research seminar includes lectures, discussion in class about the contents of the lectures, and work through relevant research papers.

### OBJETIVOS DE APRENDIZAJE DE LA ASIGNATURA

In this research seminar the student will attend the lectures given by prestigious invited researchers and will have the opportunity of discussing with them interesting research topics. Also, the students will discuss in groups some selected research papers about novel proposals of communication networks.

### CONTENIDOS

(CAST) Research lecture given by the first invited professor

(CAST) Research lecture given by the second invited professor



(CAST) Research activities related to the lectures

(CAST) Research activities with selected research papers

## **SISTEMA DE CALIFICACIÓN**

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We will mark the student on their attendance to class, participation in the discussion in class, and two short online tests regarding the lectures. Online test, questions in class, exposition in class of selected research papers

## **NORMAS PARA LA REALIZACIÓN DE LAS PRUEBAS.**

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Online tests will be done in the ATENEA platform; questions in class will take place during the lectures; exposition and discussion of selected papers will be carried out by the class during the Seminar.