# 29430 - BIOS - Biometric Systems

| Coordinating unit: | 230 - ETSETB - Barcelona School of Telecommunications Engineering |
| Teaching unit: | 739 - TSC - Department of Signal Theory and Communications |
| Academic year: | 2015 |
| Degree: | ERASMUS MUNDUS MASTER'S DEGREE IN RESEARCH ON INFORMATION AND COMMUNICATION TECHNOLOGIES (Syllabus 2009). (Teaching unit Optional)  
DOCTORAL DEGREE IN SIGNAL THEORY AND COMMUNICATIONS (Syllabus 2007). (Teaching unit Optional) |
| ECTS credits: | 3 |

**Teaching languages:** English

## Teaching staff

| Coordinator: | Hernando, Javier |
| Others: | Hernando, Javier; Marques, Ferran; Vilaplana, Verónica |

## Learning objectives of the subject
## Content

**ENG 1. Biometrics**

Degree competences to which the content contributes:

**ENG 2. Pattern classification**

Degree competences to which the content contributes:

**ENG 3. Biometric system architecture**

Degree competences to which the content contributes:

**ENG 4. Speech biometrics**

Degree competences to which the content contributes:

**Description:**

- Text-dependent speaker recognition
- Text-independent speaker recognition
- Speaker indexing

**ENG 5. Image biometrics**

Degree competences to which the content contributes:

**Description:**

- Face recognition
- Fingerprint recognition
- Others: iris, gait, …

**ENG 6. Multimodal biometric systems**

Degree competences to which the content contributes:
29430 - BIOS - Biometric Systems

Bibliography

Basic:

