

**Human Biology**

Code: 100751  
ECTS Credits: 6

Degree	Type	Year	Semester
2500250 Biology	OB	2	2

**Contact**

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**Use of languages**

Principal working language: catalan (cat)  
Some groups entirely in English: No  
Some groups entirely in Catalan: No  
Some groups entirely in Spanish: No

**Teachers**

Maria Eulàlia Subirà i de Galdàcano

**Prerequisites**

There are no prerequisites to follow the course successfully, but it would be desirable if students have Genetics course (first year) approved.

**Objectives and Contextualisation**

Human Biology studies the variability of Homo sapiens sapiens, from a morphological, developmental and genetic aspect.

Human Biology is a basic subject to acquired good knowledges in "Health and Environment", course of 3rd. year of the Biology degree.

Also, students will have to obtain the knowledge of Human Biology to obtain those of the optional subjects of the fourth year: Forensic Anthropology, Molecular Anthropology, Human Genetics, Human Origins and Primatology.

The subject of Human Biology is structured in two well differentiated parts: a) knowledge of the origin and evolution of our species, and b) current human variability.

**Content**

**Topic 1. Mechanisms of human evolution**

**Topic 2. Human population genetics**

**Topic 3. Human populations biodemography .**

**Topic 4. Molecular markers**

**Topic 5. Evolution of the life cycle.**

**Topic 6. Primates and Human Evolution**

**Topic 7. Techniques applied to human evolution**

**Topic 8. Miocene Period**

**Topic 9. Bipedalism**

**Topic 10. *Homo***