820026 - FIB - Physiology

Degree competences to which the subject contributes

Specific:

2. Understand physiology and biology.

CEBIO-210. Identify the physical bases of biological processes.

Transversal:

1. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 1. Planning oral communication, answering questions properly and writing straightforward texts that are spelt correctly and are grammatically coherent.

Learning objectives of the subject

That the student is able to integrate the functioning of organs and systems responsible for maintaining homeostatic balance within relatively narrow limits that determine the physical activity.

Study load

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 45h</th>
<th>30.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hours medium group: 0h</td>
<td>0.00%</td>
</tr>
<tr>
<td></td>
<td>Hours small group: 15h</td>
<td>10.00%</td>
</tr>
<tr>
<td></td>
<td>Guided activities: 0h</td>
<td>0.00%</td>
</tr>
<tr>
<td></td>
<td>Self study: 90h</td>
<td>60.00%</td>
</tr>
</tbody>
</table>
## 1. Introduction to physiology

**Learning time:** 6h 30m  
- Theory classes: 1h 30m  
- Laboratory classes: 2h  
- Self study: 3h

**Description:**  
Functional organization. Communication, integration and homeostasis

## 2: Cardiovascular System

**Learning time:** 18h  
- Theory classes: 6h  
- Laboratory classes: 2h  
- Self study: 10h

## 3: Respiratory System

**Learning time:** 14h  
- Theory classes: 4h  
- Laboratory classes: 2h  
- Self study: 8h

## 4: Digestive System

**Learning time:** 16h 30m  
- Theory classes: 4h 30m  
- Laboratory classes: 2h  
- Self study: 10h

## 5: Excretory System

**Learning time:** 15h  
- Theory classes: 3h  
- Laboratory classes: 2h  
- Self study: 10h

## 6: Endocrine System

**Learning time:** 16h 30m  
- Theory classes: 4h 30m  
- Laboratory classes: 2h  
- Self study: 10h
### Qualification system

The evaluation will be conducted through the assessment by teachers of student work, individual and / or group performed on a face and, appropriately weighting the following activities:
- 2 tests conducted individual face-off during the year.
- Guided laboratory exercises.

**Weight in the final evaluation:**
- Two partial checks: 35% + 35%
- Working practices: 25%
- Generic skills: Effective oral and written communication: 5%

This subject has revaluation exam. The students will be able to access the re-assessment test that meets the requirements set by the EEBE in its Assessment and Permanence Regulations (The students will be able to access the re-assessment test that meets the requirements set by the EEBE in its Assessment and Permanence Regulations).
Bibliography

Basic: