

Teaching guide

IDENTIFICATION DETAILS

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| Degree: | Biomedicine | | |
| Scope | Biomedical Sciences. | | |
| Faculty/School: | Experimental Science | | |
| Course: | CLINICAL BIOCHEMISTRY | | |
| Type: | Compulsory | ECTS credits: | 4,50 |
| Year: | 4 | Code: | 2161 |
| Teaching period: | Seventh semester | | |
| Area: | General principles of Disease | | |
| Module: | Biomedicine Fundamentals | | |
| Teaching type: | Classroom-based | | |
| Language: | Spanish | | |
| Total number of student study hours: | 112,50 | | |

SUBJECT DESCRIPTION

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LEARNING RESULTS

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| <p>Know the possible alterations of the metabolic routes which cause pathology in the human body, and their symptoms.</p> <p>To know the biochemical and cytogenetic markers and those of molecular biology applied to clinical diagnosis.</p> |
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Learn the fundamentals of the response of cells and organs of the human body on experiencing injury, from a molecular, systemic and clinical perspective.

Know about changes in cellular and systemic physiology that take place in the diseases most prevalent in our society.

Know the physiopathological processes as well as their manifestations and risk factors determinants of health and disease in the human body throughout the life cycle.

Know the different laboratory instruments and materials (biological and non-biological) and their obtention and handling for different purposes, observing the pertinent principles of security.

Understand how homeostasis integrates with processes such as inflammation, fibrosis or neoplasia to explain the development of the pathophysiology from the physiological regulatory mechanisms.

DISTRIBUTION OF WORK TIME

| CLASSROOM-BASED ACTIVITY | INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY |
|--------------------------|---|
| 45 hours | 67,50 hours |