

# COURSE DETAIL

## CELLULAR PROCESSES: FROM THE CELL TO THE ANIMAL ORGANISM

**Country**

France

**Host Institution**

University of Bordeaux

**Program(s)**

University of Bordeaux

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

139

**UCEAP Course Suffix****UCEAP Official Title**

CELLULAR PROCESSES: FROM THE CELL TO THE ANIMAL ORGANISM

**UCEAP Transcript Title**

CELLULAR PROCESSES

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course explores the fundamental cellular and developmental processes that drive the formation and organization of animal organisms. It combines cell biology and developmental biology, providing both theoretical foundations and practical laboratory experience. The cell biology section covers mitosis, the cell cycle, apoptosis, cell-cell and cell-matrix interactions, and the cytoskeleton, as well as main cell biology techniques. The developmental biology section explores gametogenesis, fertilization, early embryonic stages, and examples of organogenesis.

## Language(s) of Instruction

English

## Host Institution Course Number

4TBG320

## Host Institution Course Title

CELLULAR PROCESSES: FROM THE CELL TO THE ANIMAL ORGANISM

## Host Institution Course Details

## Host Institution Campus

Université de Bordeaux

## Host Institution Faculty

## Host Institution Degree

Licence

## Host Institution Department

Biology

## Course Last Reviewed

2025-2026

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