

# COURSE DETAIL

## CANCER CELL BIOLOGY

**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**

138

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

CANCER CELL BIOLOGY

**UCEAP Transcript Title**

CANCER CELL BIOLOGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provides an in-depth exploration of fundamental and emerging concepts in cancer biology through a combination of lectures, student-led seminars, and hands-on laboratory work. It is designed to develop both theoretical knowledge and critical analysis skills essential for understanding cancer mechanisms and research methodologies. Topics include: cell cycle; chromosome segregation; cell-matrix interactions; cell death; Ubiquitin-Proteasome System; asymmetric cell division; DNA replication; signaling pathways; tumor microenvironment; energy metabolism; stem cells; biosynthetic pathways.

## Language(s) of Instruction

English

## Host Institution Course Number

4TCB702U

## Host Institution Course Title

CANCER CELL BIOLOGY

## 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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