

## COURSE DETAIL

### CELLULAR AND MOLECULAR BIOLOGY OF MICROORGANISMS

**Country**

Spain

**Host Institution**

University of Barcelona

**Program(s)**

University of Barcelona

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

126

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

CELLULAR AND MOLECULAR BIOLOGY OF MICROORGANISMS

**UCEAP Transcript Title**

CELL BIO MICROORGS

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course offers a study of microbial cell function at the physiological and molecular level. Topics include: structure and nutrient uptake; protein translocation; biosynthesis; bacterial catabolism; fermentation; environmental influence; regulation of enzyme activity; regulation of gene expression; overall regulation; quorum sensing.

## Language(s) of Instruction

### Host Institution Course Number

361563

### Host Institution Course Title

CELLULAR AND MOLECULAR BIOLOGY OF MICROORGANISMS

### Host Institution Campus

Campus Nord

### Host Institution Faculty

Facultad de Biología

### Host Institution Degree

Biología

### Host Institution Department

Dept. of Genetics, Microbiology and Statistics

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