

COURSE DETAIL

HIGH THROUGHPUT SEQUENCING AND BIOINFORMATICS APPLIED TO ONCOLOGY

Country

France

Host Institution

University of Bordeaux

Program(s)

University of Bordeaux

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences Bioengineering Biochemistry

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

HIGH THROUGHPUT SEQUENCING AND BIOINFORMATICS APPLIED TO ONCOLOGY

UCEAP Transcript Title

HIGH THROUGHPUT SEQ

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the high throughput nucleotide sequencing technologies (ChIP-seq, DNA-seq, RNA-seq, single cell), epigenetics, circulating DNA, and mutational load. Topics also include cancer molecular databases, data extraction and analysis, and an introduction to the use of NGS software and coding.

Language(s) of Instruction

English

Host Institution Course Number**Host Institution Course Title**

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Host Institution Course Details

https://www.u-bordeaux.fr/formation/2021/PRMA_73/biologie-sante/enseignement/FR...

Host Institution Campus

UNIVERSITÉ DE BORDEAUX

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Collège Sciences et Technologies

Course Last Reviewed

2021-2022

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