COURSE DETAIL

FROM MOLECULES TO CELLS
Country Ireland
Host Institution Trinity College Dublin
Program(s) Trinity College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title FROM MOLECULES TO CELLS
UCEAP Transcript Title MOLECULES TO CELLS
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course introduces fundamental concepts in the following cellular structures and processes: the structure and function of cells and organelles; structures and functions of nucleic acids, proteins, carbohydrates, and lipids; regulation of metabolism; the composition, structure synthesis, and function of DNA and RNA; regulation of gene expression in prokaryotes and eukaryotes; chromatin structure and epigenetic regulation of gene expression; the principles of genetic inheritance; and genetic diseases and fundamental concepts in virology.

Language(s) of Instruction
English

Host Institution Course Number
BYU22201

Host Institution Course Title
FROM MOLECULES TO CELLS

Host Institution Course Details
https://www.tcd.ie/Science/assets/documents/PDF/TR060-booklet-1920.pdf

Host Institution Campus
Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological and Biomedical Sciences

Course Last Reviewed
2019-2020

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