

# BIOLOGICAL AND CHEMICAL SCIENCES - CK402

## Overview

### BSc Degree Outlets

#### BSc Single Honours

**Biological Sciences** (<https://ucc-ie-public.courseleaf.com/programmes/bscb/#text>):

- Applied Plant Biology,
- Biochemistry,
- Biotechnology,
- Microbiology,
- Neuroscience,
- Physiology

#### Chemical Sciences:

- Chemistry (<https://ucc-ie-public.courseleaf.com/programmes/bscch/>),
- Chemistry of Pharmaceutical Compounds (<https://ucc-ie-public.courseleaf.com/programmes/bsccpc/>),
- Chemistry with Forensic Science (<https://ucc-ie-public.courseleaf.com/programmes/bsccfs/>),

**Science Education** (<https://ucc-ie-public.courseleaf.com/programmes/bscsed/>):

- Science Education (Chemistry or Biology Route) (for students who entered **prior to 2023/24**)

#### Notes

Students who, for special reasons, wish to take modules not specifically allowed by the regulations, must make an application to the College. Module Semester Information may be found here. Module Descriptions may be found here.

## Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

### Programme Requirements

Code	Title	Credits
<b>Year 1</b>		
Students take <b>60</b> credits as follows:		
<i>Core Modules</i>		
BC1001	Introduction to Biochemistry and the Biological Basis of Disease	5
BL1002	Cells, Biomolecules, Genetics and Evolution	5
BL1004	Physiology and Structure of Plants and Animals	5
CM1200	Fundamentals of Modern Chemistry Part 1	10
CM1201	Fundamentals of Modern Chemistry Part 2a	10
MA1001	Calculus for Science Part 1	5
MA1002	Calculus for Science Part 2	5
MB1003	Microbiology in Society	5
PY1010	Physics for Biological and Chemical Sciences	10

#### Year 2

Select one of the following outlets:

Biological Sciences (p. 1)

Applied Plant Biology (<https://ucc-ie-public.courseleaf.com/programmes/bscrbl/>)

Biochemistry (<https://ucc-ie-public.courseleaf.com/programmes/bscbc/>)

Biotechnology (<https://ucc-ie-public.courseleaf.com/programmes/bscbt/>)

Microbiology (<https://ucc-ie-public.courseleaf.com/programmes/bscmb/>)

Neuroscience (<https://ucc-ie-public.courseleaf.com/programmes/bscan/>)

Physiology (<https://ucc-ie-public.courseleaf.com/programmes/bscpl/>)

#### Chemical Sciences

Chemistry (<https://ucc-ie-public.courseleaf.com/programmes/bscch/>)

Chemistry of Pharmaceutical Compounds (<https://ucc-ie-public.courseleaf.com/programmes/bsccpc/>)

Chemistry with Forensic Science (<https://ucc-ie-public.courseleaf.com/programmes/bsccfs/>)

#### Science Education

Science Education (Chemistry or Biology Route)(for students who entered \*prior to 2023/24\*) (<https://ucc-ie-public.courseleaf.com/programmes/bscsed/>)

## Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.