

BIOLOGICAL AND CHEMICAL SCIENCES - CK402

Programme Requirements

Code	Title	Credits
Year 1		
Students take 60 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/bscrl/>)

Chemical Sciences

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

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

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

Science Education

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

Year 3 - 4

Students who choose the Biological Sciences option in year 2, choose one of the following five options in year 3, subject to quotas.

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/>)

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*.