

# BSC (HONS) CHEMISTRY OF PHARMACEUTICAL COMPOUNDS

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## Overview

**Status:** Active

**National Framework Of Qualifications (NFQ) Level:** 8

**NFQ Award Class:** Major Award

**Duration Full Time:** 4 Academic Year(s)

**Total Credits:** 240

**Delivery Method:** In-Person

### Connected Curriculum:

- Employability
- Inter-and Transdisciplinary
- Research Based Teaching
- Sustainability

### Sustainable Development Goals (SDGs):

- Good Health and Well-being
- Quality Education
- Clean Water and Sanitation
- Industry, Innovation, and Infrastructure
- Responsible Consumption and Production
- Climate Action
- Life Below Water
- Life on Land

### Graduate Attributes:

- Creator, evaluator and communicator of knowledge
- Digitally Fluent
- Effective global citizen
- Independent and creative thinker
- Socially Responsible

### Work-Integrated Learning (Including Placement):

Yes

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## Eligibility

Students from the Biological and Chemical Sciences Area of Study (CK402 entry (<https://ucc-ie-public.courseleaf.com/programmes/bscbf/>)) who pass First Science may opt to enter this programme, provided they have passed First Science and passed CM1200 and CM1201. There are twenty places available each year.

## Quotas

Students who opt to enter will be offered places in order of merit based on their First Year Examination results in Chemistry. In filling the quotas, places will be given to students passing the First University Examination in Science at the Summer Examination in the first year of registration

for the First University Examination in Science, and in order of merit of marks in Chemistry obtained thereat. Remaining places, if any, will be filled in order of merit without distinction as to when the examination was completed. The decision as to the filling of such remaining places will be made after the results of the Autumn Supplemental Examination are known.

## Second Year - Chemistry of Pharmaceutical Compounds

In Second Science, students take modules common to the Second Science degree programme in Chemistry encompassing the basic elements of Inorganic, Organic and Physical Chemistry. Four other modules are taken from the Biological Sciences including modules in Biochemistry, Molecular Biology and Physiology. Students take 60 credits.

## Third Year - Chemistry of Pharmaceutical Compounds

In Third Science, students take 10 modules (60 credits), equally divided between Chemistry and the Biological Sciences.

Industrial Placements will be held in the vacation between Third and Fourth Year over the period May - October. This work placement is a core Fourth Year module (10 credits). Commencement of the final year is in week 11 to accommodate this.

## BSc Ordinary Degree - NFQ Level 7, Major Award

Students who pass Third Year may choose not to proceed to Fourth Year and may opt instead to be conferred with a BSc Ordinary Degree (<https://ucc-ie-public.courseleaf.com/programmes/bscpas/>).

## Fourth Year - Chemistry of Pharmaceutical Compounds

The Fourth Year involves a work placement module (10 credits on a Pass/Fail basis), taught modules (40 credits) and a further 10 credits comprising either a 10 credit Chemistry research project (CM4208) or a 5 credit Chemistry project (CM4203) plus a 5 credit Biochemistry project (BC4014). A maximum for 10 places are available on BC4014. Allocation of projects will be made in consultation with students with priority given on the basis of overall marks in *Third Science*.

**Please note that this programme does *not* result in a qualification to practise as a pharmacist.**

## Programme Requirements

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