

#BeginBelongBecome





Agenda



9.30am Welcome from Deputy President and Registrar, Prof Stephen Byrne

9.40am Update on events, CAO and key initiatives at UCC

- 9.40am Danielle Byrne: CAO 2022 recap and tips for 2023
- 9.50am Garry Mulcahy: Sourcing Suitable Accommodation
- 10.00am Lenka Forrest: Nurturing Bright Futures, Events & Course update
- 10.10am Adele Coleman: Graduate Attributes Programme update

10.20am UCC Visitors' Services – offerings for Guidance Counsellors

10.30am Updates from the College of Business and Law – Ian Wallace

11.00am Break



Agenda



- 11:30am Loretta Brady: Updates from the College Arts, Celtic Studies, and Social Sciences
- 11.45am Dave Hicks: New for 2024 BSc Paramedicine CAO Entry
- 12noon Angela Flynn: Update on Nursing Programmes
- 12.15pm Declan Kennedy: New for 2023 CK413 Science Education

12.35pm Updates from Access UCC (QQI/FET)

12:50pm Q&A

1pm Lunch and Music in the Dr Dora Allman Room, The Hub

2pm Return to Devere Hall

University College Cork #BeginBelongBecome

At UCC, we commit to Leave No One Behind.







































Agenda



2pm Return to Devere Hall

2.15pm CPD Session – Climate Action and Sustainable Development: how UCC can support you prepare for Senior Cycle reforms from September 2024

- Kick-off by Maria Kirrane
- Catherine O'Sullivan facilitator

3.30pm Closing Comments (CPD Certificates will be emailed to all attendees)

3.45pm Optional: Tour of the UCC Calm Zone/Ceantar Ciúin









Admissions - CAO Update

Danielle Byrne

A TRADITION OF INDEPENDENT THINKING



Key trends 2022



Offers

Round 4

Acceptance rates



Appeals / Re-Checks

Round 5 next week



Checking details in CAO Exam numbers portal

Exemptions



First Year Change of Course



SINCE 2012

APPROXIMATELY 120 FACILITATED EACH YEAR



- 1. MATRICULATE
 - 2. POINTS
 - 3. SPACE



OPENS WED 28 SEP -FRI 14 OCTOBER



CAO WAITLISTS PRIORITISED



SOME CHANGES CAN BE FACILITATED STRAIGHT AWAY

GROWING NUMBER OF SECOND YEARS MAKING APPLICATIONS



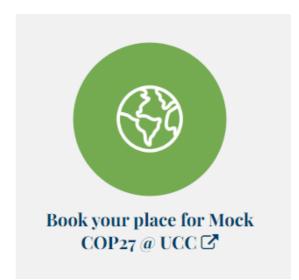
Sourcing Suitable Accommodation

Gary Mulcahy

Accommodation & Community Life Officer









WWW.UCC.IE/OPENDAY



























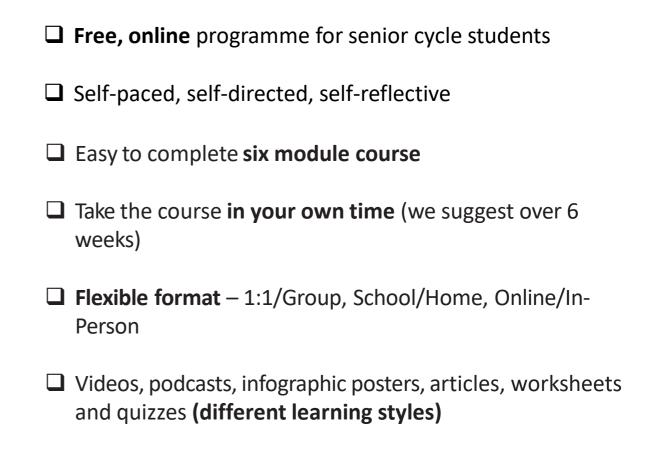


NURTURING BRIGHT FUTURES



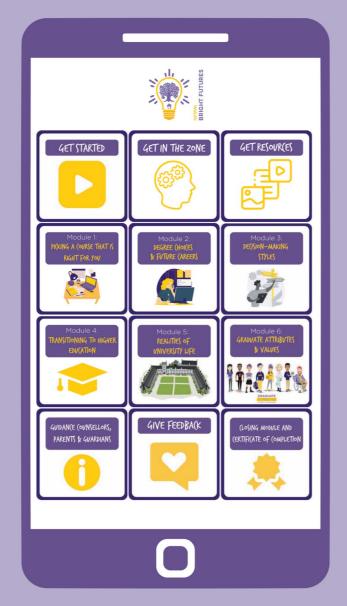
















www.ucc.ie/nbf 🦍







Logi





NBF001_Nurturing Bright Futures

Started Mar 28, 2022



Add to Cart

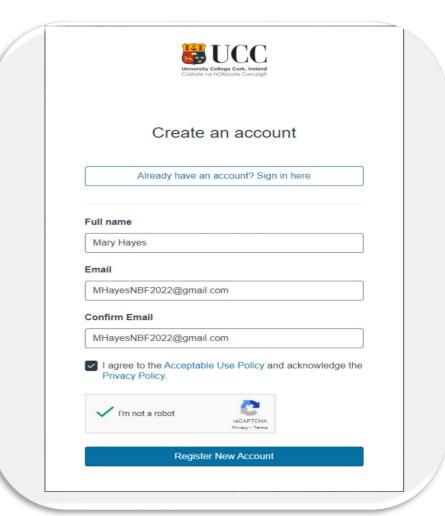
The Nurturing Bright Futures space will provide you with the opportunity to engage with your future career journey and it will **equip you with skills and tools** that you can carry into your chosen degree when you start college. It is designed to **empower you** to start thinking about the decisions that will impact your future. It will help you to **develop independent and critical thinking skills** and will also help you to make the most of your support networks such as your friends, family, Guidance Counsellors and teachers.

This six-module course has been designed to equip you with the **information you need as you prepare to transition into third level education**. We hope it will be especially helpful for those of you who cannot access our campus easily, for a range of different reasons. It is designed to be interactive and for you to engage with the material. It will create spaces for you to undertake self-reflective exercises and will stimulate conversations - with your friends, family, teachers, Guidance Counsellors, and **also with yourself** - to optimise your university-readiness. This course is all about you and **empowering you** to make informed decisions and the best choices for your future career.















The next chapter of your story starts here ...



WEL(OME TO NURTURING BRIGHT FUTURES!

Hi Test User,

You have successfully registered for a new account for *Nurturing Bright Futures* with the login ID of carol.veiga@ucc.ie. Please set up a password for your new login ID of carol.veiga@ucc.ie by clicking on the **Complete Registration** button at the end of this email.

Please note:

- . You will receive 1 more email from us to confirm your enrolment.
- You will not be fully enrolled in the programme until you have received both emails (this one and the next one)

Should you have any difficulties registering, enrolling or accessing the programme, please contact us at discoverUCC@ucc.ie and we will respond as quickly as possible.

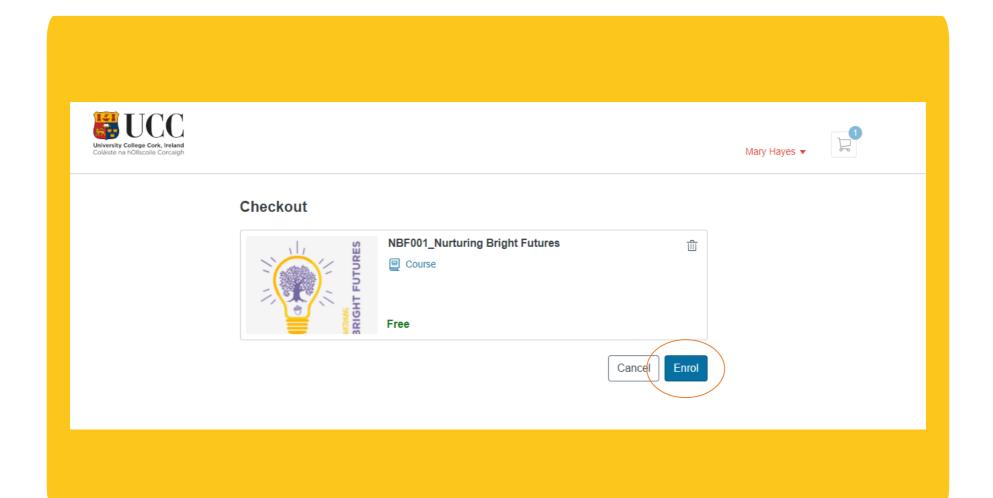
We hope you enjoy nurturing your own bright future!

Team UCC

Complete Registration













You are Enrolled!



Hi Mary Hayes,

You are now enrolled in Nurturing Bright Futures on the UCC Open platform!

For your reference, please see the details of your enrolment below, and retain a copy of this e-mail for your records.

Should you have any difficulties registering, enrolling or accessing the programme, please contact us at discoverUCC@ucc.ie and we will respond as quickly as possible.

Click on the Access Your Dashboard to start nurturing that bright future!

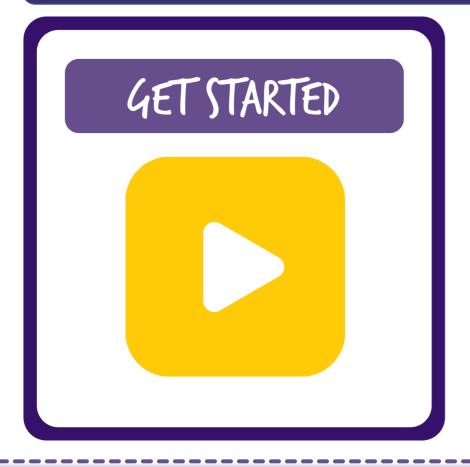
Team UCC

Access Your Dashboard





NEW LAYOUT











VISIT OUR WEBSITE:

www.ucc.ie/nurturingbrightfutures

CONTACT US: discoverUCC@ucc.ie









GRADUATE

ATTRIBUTES

UCC core values and graduate attributes are the bedrock of our student experience. Graduate attributes refer to the skills, knowledge and abilities of our graduates beyond disciplinary knowledge, that are applicable in a range of contexts in their lives.

ATTRIBUTES



Creators, evaluators and communicators of knowledge



Independent and creative thinkers



Digitally fluent



Socially responsible



Effective, global citizens who recognise and challenge inequality

UCC graduates will be recognised for their distinct **core values** and **graduate attributes.** As well-rounded, curious, self-aware individuals, they will be known for their appetite to continually learn new skills, embrace new ideas and make things happen.



VALUES











RESPECT:

For self, others and the environment

AMBITION:

Aims high, displays exemplary work ethic and strives to succeed

COMPASSION:

Empathetic, demonstrates care for self and others

RESILIENCE:

Perseveres, shows capacity for problem-solving and personal well-being

INTEGRITY:

Trustworthy, ethical and dependable

UCC Visitors' Centre

1,474 Tweets



Follow

17 UCC Visitors' Centre Retweeted

Donna O'Driscoll @DonnaODriscoll3 · 29 Sep

@UCC merch makes a debut on @OtherVoicesLive @jpquinn78 @UCCVisitorsCent #OVUCC





@UCCVisitorsCent



Quinn, J.P.

Office Of Marketing And Brand Impact

& Start audio call 📮 Start chat 🗡 Send email





WE ARE...

THE COLLEGE OF BUSINESS AND LAW





Introduction - Ian Wallace, Student Recruitment & Liaison Officer

A little about me:

- Law (Clinical) Graduate, 2014
- LLM Business Law Masters Graduate, 2015
- Postgraduate Certificate in Teaching and Learning Graduate, 2020
- Background:
 - UCC student for 6 Years (Societies, Peer Support, Moot Court)
 - Working in UCC for cir. 6 years (SEFS, M&C, Admissions, CBL)
 - Worked in Legal and Business Sectors before UCC
- Available for School Visits and attending School Careers Events <u>ian.wallace@ucc.ie</u>
- Looking forward to working with you!







School of Law Scoil an Dlí

OUR PROGRAMMES

CORK UNIVERSITY BUSINESS SCHOOL		
CK201	Commerce	
CK202	Accounting	
CK203	Business Information Systems	
CK204	Finance	
CK212	Economics (through Transformational Learning)	
CK213	Food Marketing and Entrepreneurship	
CK214	International Development	
CK215	International Business with Languages	

SCHOOL OF LAW			
Law (Pathways)	\		
BCL	$\overline{}$		
BCL (Clinical)			
BCL (International)			
Law and French			
Law and Irish			
Law and Business			
	Law (Pathways) BCL BCL (Clinical) BCL (International) Law and French Law and Irish		





#1 Law School in Ireland



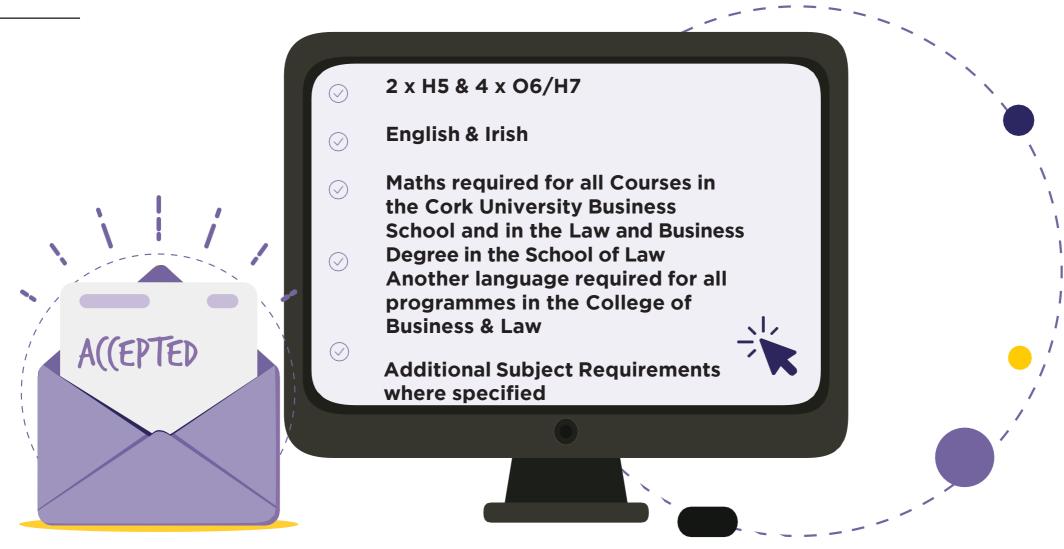
75th Law School in the World



Internationally Accredited Business School

University College Cork #BeginBelongBecome

2023 Entry Requirements



University College Cork #BeginBelongBecome

International Experience



Degrees with Erasmus in the College of Business and Law include:

CK201 Commerce

CK212 Economics (Through Transformational Learning)

CK213 Food Marketing & Entrepreneurship (Germany, Netherlands, France & Italy)

CK214 International Development (Placement Abroad)

CK215 International Business with Languages (Austria, Belgium, Canada, France, Germany, Italy, Latin and South America, Spain, and the UK)

CK301 Law (Pathways) - International Pathway (Oslo, Helsinki, Montreal, Leiden, Budapest, Philadelphia, St. Louis, Shanghai, Pune)

CK302 Law and French - France or Canada

CK304 Law and Irish - Montana

Work Placement, Employability and

Entrepreneurship Structured pre-planning to maximise the success of the placement for you and your employer

- Over 50% of work placement students return to their placement employer as a graduate.
- Degrees with Placement in the College of Business and Law include:

CK201 Commerce

CK202 Accounting

CK203 Business Information Systems

CK204 Finance

CK213 Food Marketing and Entrepreneurship

CK214 International Development (Placement Abroad)

CK301 Law (Pathways) - Clinical Pathway

CK302 Law and French - Some Options While Abroad

CK304 Law and Irish

CK307 Law and Business - Optional Final Year Module

Employment rates of our graduates are at an historic high

94% of our primary degree graduates are in employment or further study 9 months after graduating.







College Updates

- Our globally recognised degree programme, Commerce, CK201, continues to develop and distinguish itself
- Upcoming Changes to CK212 Economics (Through Transformational Learning)
- A strong start for CK215, BSc International Business with Languages. 467 Points and consistent interest from students, parents and guidance counsellors.
- The UCC Law Academy will take place during the October/November Midterm for 6th Years ONLY. TY and 5th Years will be able to participate in the February Law Academy
- CK202 Accounting Live Event Wed 16th
 November











Join Our Community

YOU (AN FIND OUT MORE AND FOLLOW WHAT WE'RE UP TO ON SO(IAL MEDIA

















University College Cork #BeginBelongBecome

WE ARE...

THE COLLEGE OF ARTS, CELTIC STUDIES AND SOCIAL SCIENCES





OUR PROGRAMMES & SUBJECTS

COLLEGE OF ARTS, CELTIC ST	UDIES AND S	SOCIAL SCIENCES
Arts	ABTS SUBJECT	Chinese Studies
Social Science		
Arts-Music		Computer Science
Film and Screen Media		Economics
Arts International	- 1	English
English	-	European Studies
World Languages	ARTS SUBJECT	Folklore
Early Years and Childhood Studies	ARTS SUBJECT	French
Theatre & Performative Practices	ARTS SUBJECT	Gaeilge/Irish
(includes option to do a joint Theatre &	ARTS SUBJECT	Geography
	ARTS SUBJECT	German
	ARTS SUBJECT	Greek
/	ARTS SUBJECT	Greek and Roman Civilisation
\	ARTS SUBJECT	History
Technology	ARTS SUBJECT	History of Art
Applied Psychology	ARTS SUBJECT	Italian
Psychology and Computing	ARTS SUBJECT	Latin
Government and Political Science	ARTS SUBJECT	Mathematical Studies
Anthropology	ARTS SUBJECT	Mathematics
Education - Gaeilge	ARTS SUBJECT	Philosophy
Physical Education, Sports Studies and Arts	ARTS SUBJECT	Politics
Applied Mathematics	ARTS SUBJECT	Portuguese
Archaeology	ARTS SUBJECT	Religions and Global Diversity
Asian Studies	ARTS SUBJECT	Spanish
Béaloideas	ARTS SUBJECT	Sociology
Celtic Civilisation	ARTS SUBJECT	Studies in Music
	Arts Social Science Arts-Music Film and Screen Media Arts International English World Languages Early Years and Childhood Studies Theatre & Performative Practices (includes option to do a joint Theatre & Music pathway*) Criminology Social Science (Youth and Community Work) Social Work Digital Humanities and Information Technology Applied Psychology Psychology and Computing Government and Political Science Anthropology Education - Gaeilge Physical Education, Sports Studies and Arts Applied Mathematics Archaeology Asian Studies	Social Science Arts-Music Film and Screen Media Arts International English World Languages Early Years and Childhood Studies Theatre & Performative Practices (includes option to do a joint Theatre & Music pathway*) Criminology Social Science (Youth and Community Work) Social Work Digital Humanities and Information Technology Applied Psychology Psychology and Computing Government and Political Science Anthropology Education - Gaeilge Physical Education, Sports Studies and Arts Applied Mathematics Arts subject

MEET OUR RECRUITMENT TEAM!



LORETTA BRADY

RECRUITMENT PROJECTS OFFICER I.brady@ucc.ie



19 undergrad programmes, 30 Arts Subjects, 100+ postgrad options



A Ghost in the Throat by UCC Alumna and Arts Graduate, Doireann Ní Ghríofa, was named as An Post Irish Book of the Year 2020

WE ARE...

THE COLLEGE OF MEDICINE & HEALTH





OUR PROGRAMMES

COLLEGE OF MEDICINE AND HEALTH			
CK701	Medicine		
CK702	Dentistry		
DIRECT ENTRY	Dental Nursing		
DIRECT ENTRY	Dental Hygiene		
CK703	Pharmacy		
CK704	Occupational Therapy		
CK705	Speech and Language Therapy		
CK706	Public Health Sciences		
CK707	Medical and Health Sciences		
CK710	General Nursing		
CK712	Children's and General Nursing (Integrated)		
CK720	Mental Health Nursing		
CK730	Intellectual Disability Nursing		
CK740	Midwifery		
CK791	Graduate Entry Medicine		



Flynn, Angela

Nursing & Midwifery

 $& \$ Start audio call $\$ $\$ Start chat





Hick, Dave

Medicine Department











A TRADITION OF INDEPENDENT THINKING



Current Programmes

L8



BSc (Hons)
Paramedic
Studies

L8



BSc (Hons)
Paramedic
Studies

L9



MSc Specialist
Paramedic
Practice

L10



PhD Paramedic Studies 3 Yrs

UCC/NASC collaboration
Calendar year – Full-time (Sept/Jan entry points)

2 Yrs

Practitioner EntryCalendar year – Part-time

1 Yr

Advanced Paramedic / Community Paramedic Calendar year – Full-Time (Sept/Jan entry points)

4 Yrs

Academic year - October/April entry point



Demand & Development

UCC / NAS Collaboration:-

380 UG students in cycle – circa 90 graduates per year (uplifting to 180 by 2026- max capacity of NASC Education)

UL:-

28 UG students per year

"If we predict workforce planning needs in 2028, NAS could need a minimum intake of up to 300 graduates each year to meet turnover requirements, backfill promotions and career progression and new service developments".

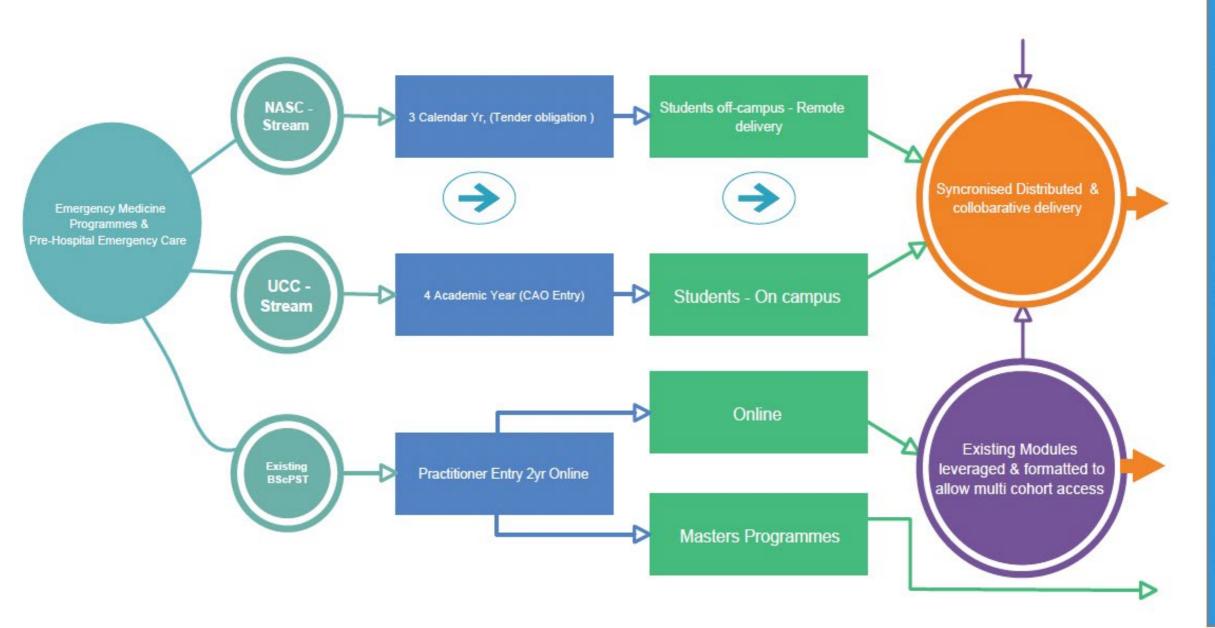
Robert Morton Director National Ambulance Service.



UCC – CAO Entry programme:-

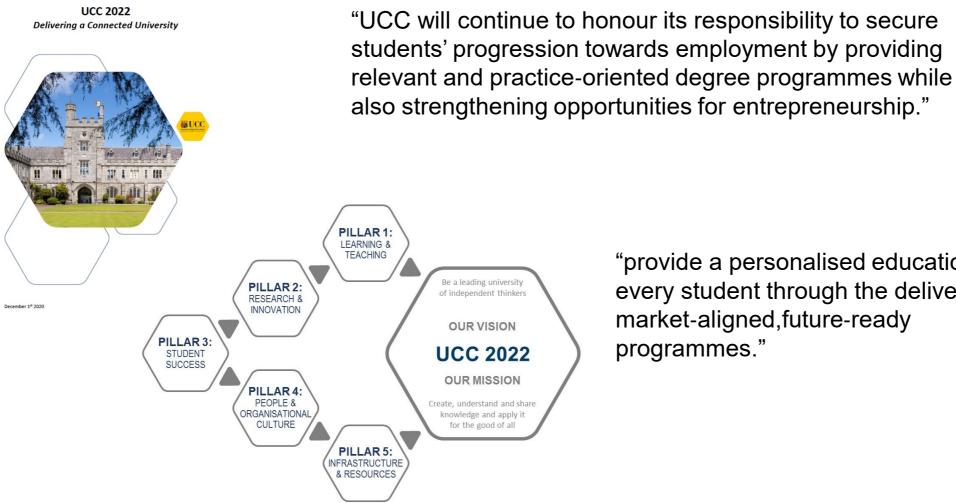
32 UG students graduate per year

Flowchart - BSc - Paramedic Studies - Outline



F								
Version 1		DRAFT CAO Paramedic timetable						
					YEAR 1			
2020/24	AUTUMN SEMESTER		X HOURANG		SPRING SEMESTER	SUMMER RECESS		
2020/21	[DMIS Semester 1] 1 2 3 4 5 6 7 8 9 10 11 12	-	HOLIDAYS	1 2 3	[DMIS Semester 2] 4 5 6 7 8 9 10 11 12	[DMIS Semester 3] 1 2 3 4 5 6 7 8 9 10 11 12		
Month	September October November	December	2 0 0	January 😕	February March	April May June July August		
w/c	28/11/25 21/11/25 14/11/25 07/11/25 07/11/25 31/10/25 31/10/25 24/10/25 17/10/25 10/10/25 10/10/25 10/99/25	19/12/23 12/12/23 05/12/23	09/01/24 02/01/24 26/12/23	30/01/24 25/01/24 16/01/24	02/04/24 26/05/24 19/05/24 12/05/24 05/05/24 05/02/24 20/02/24 19/02/24	03/09/24 27/08/24 20/08/24 13/08/24 06/08/24 06/08/24 30/07/24 23/07/24 11/06/24 11/06/24 11/05/24 11/05/24 23/04/24 23/04/24		
	2	23 23 EX	24 24 24 23	2 2 2 2	Academic MD1005	24 24 24 24 24 24 24 24 24 24 24 24 24 2		
	MD1004 & MD1005			EMT	CP (1 week only) PHECC EXAM MD1005 & MD106 & MD1007	SUMMER HOLIDAYS		
	WD1004 & WD1005				YEAR 2			
	ALITHAN SEMESTED					SIMMED REFERS		
2023/24	AUTUMN SEMESTER [DMIS Semester 1]		HOLIDAYS		SPRING SEMESTER [DMIS Semester 2]	SUMMER RECESS [DMIS Semester 3]		
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w/c	26/11/24 19/11/24 12/11/24 05/11/24 29/10/24 22/10/24 22/10/24 15/10/24 08/10/24 01/10/24 17/09/24	17/12/24 10/12/24 03/12/24	07/01/25 31/12/24 24/12/24	28/01/25 21/01/25 14/01/25	01/04/25 25/05/25 18/05/25 11/05/25 11/05/25 04/03/25 25/02/25 18/02/25	02/09/25 26/08/25 119/08/25 112/08/25 05/08/25 05/08/25 22/07/25 22/07/25 24/06/25 115/07/25 24/06/25 117/06/25 117/06/25 113/05/25 20/05/25 20/05/25 113/05/25 22/04/25 115/04/25		
	Academic EMT CP (1 week only) PHECC EXAM				demic Supernumary & Hospital	PHECC EXAM STAGE 1 SUMMER HOLIDAYS		
*. *. *. *. *. *. *. *. *. *. *.	MD2003. MD2004, MD2005, MD2007, MD1009				MD2006, MD3006, MD1008			
	MD2003. MD2004, MD2005, MD2007, MD1009				MD2006, MD3006, MD1008 YEAR 3			
	AUTUMN SEMESTER		VA		YEAR 3 SPRING SEMESTER	SUMMER RECESS		
2024/25	AUTUMN SEMESTER [DMIS Semester 1]		MAS HOLIDAYS		YEAR 3 SPRING SEMESTER [DMIS Semester 2]	SUMMER RECESS [DMIS Semester 3]		
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Month w/c 2026/27	AUTUMN SEMESTER [DMIS Semester 1]	December 16 12 25 25 25 25 25 25 25 25 25 25 25 25 25	06/01/26 06/01/26 06/01/26 WWAS HOLIDAYS	January 19	YEAR 3	SUMMER RECESS DMIS Semester 3		
Month w/c 2026/27	AUTUMN SEMESTER [DMIS Semester 1]	December 16 12 25 25 25 25 25 25 25 25 25 25 25 25 25	06/01/26 06/01/26 30/12/25 HOLIDAYS	January 15 20 27 / 01 / 26	YEAR 3	SUMMER RECESS [DMIS Semester 3] 1 2 3 4 5 6 7 8 9 10 11 12		
Month w/c 2026/27 Month	AUTUMN SEMESTER [DMIS Semester 1] 1 2 3 4 5 6 7 8 9 10 11 12 September	December 16 12 25 25 25 25 25 25 25 25 25 25 25 25 25	06/01/26 05/01/27 05/01/27 05/01/27 HOLIDAYS Det 29/12/26 XWAS Det 22/12/26	January 19	YEAR 3	SUMMER RECESS DMIS Semester 3		

Meeting UCC strategy



also strengthening opportunities for entrepreneurship."

"provide a personalised education for every student through the delivery of market-aligned, future-ready programmes."





CK710	General Nursing		
CK712	Children's and General Nursing (Integrated)		
CK720	Mental Health Nursing	N.	
CK730	Intellectual Disability Nursing		
CK740	Midwifery		



UCC's School of Nursing and Midwifery is ranked 49th in the world and the School of Pharmacy is in the top 100 for Pharmacy & Pharmacology - QS World University Rankings 2022

WE ARE...

THE COLLEGE OF SCIENCE, ENGINEERING & FOOD SCIENCE





OUR PROGRAMMES & DEGREE AWARDS

	COLLEGE OF SCIENCE, ENGI	NEERING AND	FOOD SCIENCES		
CK401	Computer Science	DEGREE AWARD	Applied Plant Biology		
CK402	Biological and Chemical Sciences	DEGREE AWARD	Astrophysics		
CK404	Biological, Earth and Environmental Sciences	DEGREE AWARD	Biochemistry		
CK405	Genetics	DEGREE AWARD	Biotechnology		
CK406	Chemical Sciences	DEGREE AWARD	Chemical Physics		
CK407	Mathematical Sciences	DEGREE AWARD	Chemistry		
		DEGREE AWARD	Chemistry with Forensic Science		
CK408	Physics and Astrophysics	DEGREE AWARD	Chemistry of Pharmaceutical Compounds		
CK411	Data Science and Analytics	DEGREE AWARD	Ecology and Environmental Biology		
CK412	Agricultural Science	DEGREE AWARD	Environmental Science		
CK413	Science Education		Financial Mathematics and		
CK504	Nutritional Sciences	DEGREE AWARD	Actuarial Science		
CK505	Food Science	DEGREE AWARD	Geosciences		
CK600	Engineering	DEGREE AWARD	Mathematical Sciences		
DEGREE AWARD	Civil, Structural and Environmental	DEGREE AWARD	Mathematical Sciences and Physics		
	Engineering	DEGREE AWARD	Microbiology		
DEGREE AWARD	Electrical and Electronic Engineering	DEGREE AWARD	Neuroscience		
DEGREE AWARD	Energy Engineering	DEGREE AWARD	Physics		
DEGREE AWARD	Process and Chemical Engineering	DEGREE AWARD	Physiology		
CK606	Architecture	DEGREE AWARD	Zoology		
MT871	Biomedical Science	- N			





600 academic and researce staff, 5,000+ students



1,200 STEM graduates





CK413 BEd (Honours)

TESTIMONIAL DAVID O'CONNELL Science Teacher

"I graduated from UCC with a Bachelor of Science Education degree. I found it to be a great advantage to be a fully qualified science teacher in four years. During my time in UCC I really enjoyed the great mix of lectures, lab practical sessions, tutorials, seminars, and the School Placement that took place throughout the course.

SCIENCE EDUCATION

WHAT IS SCIENCE EDUCATION?

Our Science Education degree involves the study of both science and education over a four-year period after which you will be a fully qualified science teacher. UCC's Science Education programme is an example of the concurrent model of teacher training which means that you study both science and education over the duration of the programme. On graduation you will be fully qualified to teach your two specialist science subjects to Leaving Certificate standard.

Our four-year science teacher training course takes our lour-year science teacher training course takes place in UCC's state-of-the-art Eureka Centre for Inquiry-Based Education in Science and Mathematics and in the College of Science, Engineering and Food Science laboratories. This newly reconfigured programme is designed to meet all the Teaching Council curricular subject (post-primary) requirements and to that end we have designed the programme to cover the demand for science teachers in the following areas:

- Biology
 Chemistry
- Computer Science
 Mathematics
- Physics

On graduation from the programme, you will be eligible to register with the Teaching Council as a fully qualified science teacher. Throughout the programm you will participate in Teaching Practice Placement where you will gain experience of science teaching in

WHAT WILL HELP YOU?

Biology, Chemistry, and Physics are all helpful

COURSE STRUCTURE

these specialist science subjects, along with education

ROUTE 1: Biology + Chemistry ROUTE 2: Physics + Mathematics

ROUTE 3: Computer Science + Mathematics ROUTE 4: Chemistry + Mathematics

ROUTE 5: Computer Science + Chemistry

You will study Education modules alongside your chosen two specialist science subjects. Year 1 allows you to study the foundations of your two specialist science subjects and introduces you to science teaching and science education. In the following years you will study your two specialist science subjects and science education in further detail and spend some time on School Placement in a local secondary school. Your School Placement is organised around your UCC lectures and laboratory practical sessions. In Year 4 all your modules are education-based, with increased time spent on School Placement (minimum of 4 hours per week from August to May) as well as time spent in lectures and laboratory practical sessions at UCC.

FIRST YEAR MODULES

Depending on your chosen of Science Education science subjects together with Education modules.

BIOLOGY: BC1001 Introduction to Biochemistry and the Biological Basis of Disease (5 credits BL1002 Cells, Biomolecules, Genetics and Evolution (5 credits), BL1004 Physiology and Structure of Plants and Animals (5 credits), BL1006 Habitats and Ecosystems (5 credits), MB1003 Microbiology in Society (5 credits).

ChemistryPart 1 (10 credits), CM1201 Fundamentals of Modern Chemistry Part 2a (10 credits), CM1203 Teaching Chemistry Concepts (5 credits)

Programming and Problem Solving (15 credits), CS1115 Web Development 1 (5 credits).

MATHEMATICS: AM1052 Introduction to Mechanics (5 credits), AM1053 Introduction to Mathematical Modelling (5 credits), MA1058 Introduction to Linear Algebra (5 credits), MA1059 Calculus (5 credits), MS2013 Geometry (5 credits), ST1051 Introduction to Probability and Statistics (5 credits).

PHYSICS: PY1052 Introductory Physics I (10 credits). PY1053 Introductory Physics II (10 credits).

EDUCATION: ED1101 Introduction to Science Education (5 credits), ED1102 Introduction to Teaching Practice Placement Science Education (5 credits).

WORK PLACEMENT

usually in Cork city or county, that work in partnership with UCC. Your placement will fit in around your with UCC. Your placement will fit in around your normal timetable of camput-based lectures, laboratory practical sessions, tutorials, seminars, and workshops. As you progress through the programme, the number of hours that you spend on teaching placement gradually increases. By fourth year you will be teaching over the entire school year for a minimum of four hours per week in addition to participating in various associated activities in your school.

By the time you graduate you will have accumulated considerable teaching experience, and this makes graduates very attractive to schools seeking

♠ LABORATORY PRACTICAL WORK GRADUATE STUDY OPTIONS

In addition to the laboratory practical work in the science modules, your laboratory practical work in the Science Education modules will also cover the practical work components of the Leaving Certificate Biology, Chemistry and Physics curricula as well as the Junior Cycle Science curriculum. You will also visit the Education Centre at Pota Wildlife Park to learn how the facilities there will enhance your teaching of science.

CAREER OPPORTUNITIES

Graduates from this programme are in high demand from schools in Ireland and abroad. The fact that you have accumulated both subject knowledge and you nave accumulated both subject knowledge and teaching skills over the four years of the programme are of enormous help in your teaching career. This programme gives graduates the opportunity to take up an exciting career in which they can inspire young people with their teaching of science.

Recent graduates have taken up careers such as Hecent graduates have taken up careers such as science teachers at secondary school level in Ireland and abroad, members of the science inspectorate of the Department of Education, researchers in science and science education, and lecturers in science education programmes.

Some of our graduates have moved into research and postgraduate programmes such as MEd and PhD

Biography

BSc in Chemistry UCC (1976), H.Dip.Ed UCC (1977), MSc UCC (1979), MEd Univ of York (1999) PhD Univ of York (2004) Full time science teacher in Colaiste Muire Cobh from 1977 - 1998. I worked as a part-time lecturer in UCC from 1983 - 1998. I took up a full-time lectureship in UCC in 1998

Research Interests

Dr Declan Kennedy carries out research in the area of conceptual difficulties in learning science, the use of ICT in science teaching, inquiry-based science education and the role of laboratory practical work in science education. He carries out this research mainly through funded research projects and he has been very successful in obtaining research funding at local national and international



Guidance Counsellors Conference 2022

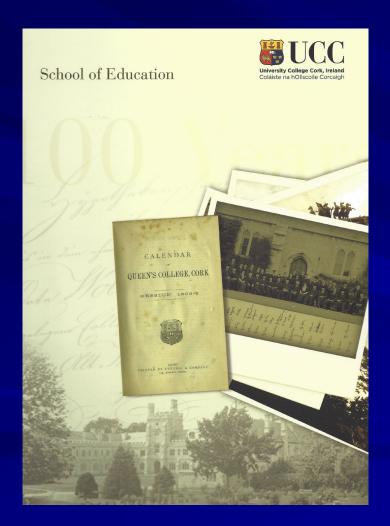
An Overview of the Bachelor of Science Education programme in UCC - A Career as a Science Teacher at Secondary School level.

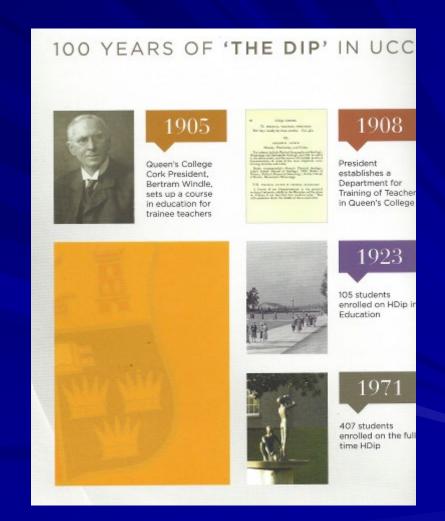




Dr Declan Kennedy, Senior Lecturer in Science Education, School of Education, UCC

UCC has been training teachers of a wide range of subjects for over 100 years.





The Background

- The Bachelor of Science Education programme was established in 2000 and has been fully accredited by the Teaching Council of Ireland since that time
- It is an example of the CONCURRENT model of training to be a science teacher, i.e. you study both science and education at the same time as part of your training.
- The BEdSc programme takes 4 years in total. Graduates are fully qualified science teacher.
- It was set up as an alternative route to the CONSECUTIVE model of teacher training, i.e. where you first undertake a BSc degree and then take a two-year PME (Professional Master of Education) course (concurrent model) to a career as a science teacher (six-year route).

Summary of main changes to Bachelor of Science Education from September 2023

- The "old" system involved entry to the Bachelor of Science Education through a common first science route (CK402 or CK404 or CK406 or CK408). After studying Biology, Chemistry, Physics and Maths at first year level, students studied one specialist science subject (Biology or Chemistry or Physics) from second year onwards.
- Students who enter from September 2023 will enter through CK413 into first year of the programme. Students will study two specialist science subjects from first year
- Graduates will now be qualified to teach two subjects to Leaving Certificate standard.
- The range of subjects is being expanded to include Computer Science and Mathematics.

Reason for change

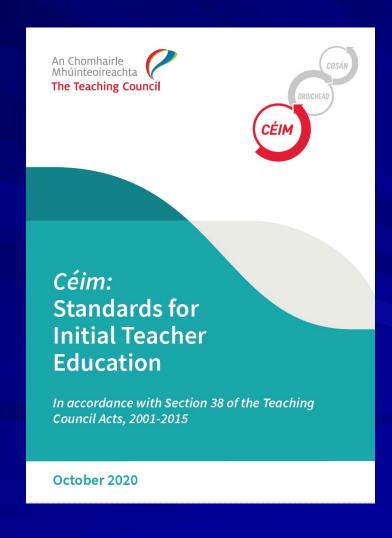


(November 2018)

Teacher Supply Action Plan

"12. HEA to engage with the ITE programme providers to ensure that additional 4-year concurrent post primary ITE programmes are in place for 2019/20 which qualify teachers in two subject areas, including targeted subjects (Maths, Physics, Chemistry, Computer Science, French, German, Spanish, Italian, Irish, Home Economics"

The original BScEd was updated to a new BEdSc two-science subject degree in 2022 to comply with new Guidelines (2020) from the Teaching Council.

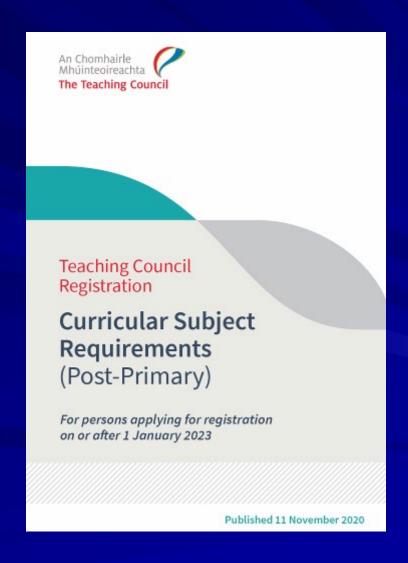


Teaching Council Specifications for the four-year concurrent model (*Céim: Standards for Initial Teacher Education, Teaching Council* 2020, p.11)

	Subject Disciplines (Science modules)	Foundation Studies and Professional Studies (Education Modules)	School Placement (Education modules)	Total
Time allocation	50%	25%	25%	100%
No of ECTS CREDITS	120 Subject 1 = 60 Subject 2 = 60	60	60	240 ECTS credits

1 ECTS credit = 25 – 30 hours student workload Total workload per year = 60 ECTS credits

Teaching Council Requirements for Recognition as a Science Teacher



In general, the main requirements for science subjects are:

- The qualifying degree must be a level 8 degree.
- Graduates must have accumulated a minimum of 60 ECTS credits in the specialist subject to third-year level or higher.
- Laboratory practical work must be completed during the programme.

All of the above requirements are met in the Bachelor of Science Education programme in UCC.

Entry to Bachelor of Science Education

- Students enter through the Central Admissions Office (CAO) via entry code CK413.
- Each year, intake into first year will be approximately 25 students.
- On registration for the programme students will be able to choose from one of five routes. Each route consists of a two-subject combination:

Route I: Biology + Chemistry

Route II: Physics + Mathematics

Route III: Computer Science + Mathematics

Route IV: Chemistry + Mathematics

Route V: Computer Science + Chemistry

- At the introductory Induction session to the programme in UCC, students will be given an outline of each route before making their final choices.
- Routes that include Mathematics require a H3 in Leaving Certificate Mathematics.
- Direct Entry students into third year will continue to apply to the UCC Admissions Office.

Entry route to BEdSc UCC

CK413

DURATION 4 Years

APPROXIMATE AVAILABLE PLACES 25

LEAVING CERTIFICATE ENTRY REQUIREMENTS

Minimum grade H5 in two subjects and minimum grade O6/H7 in four other subjects. Subjects must include Irish, English, Mathematics and a laboratory science subject (Biology, Chemistry, Physics, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.

ADDITIONAL REQUIREMENTS

H4 in either a laboratory science subject, Mathematics, Applied Mathematics Computer Science is required. If the H4 is in a laboratory science subject an 06/H7 in Mathematics is required or vice versa. If the H4 is in Computer Science an 06/H7 in Mathematics and an 06/H7 in a laboratory science subject is also required.

In addition, students selecting a route involving Mathematics will require a H3 Mathematics.

Students are subject to garda vetting and Fitness to Practice, See page 125.

APPROXIMATE MATURE STUDENT PLACES tbc

APPROXIMATE QQI/FE STUDENT PLACES the

INTERNATIONAL STUDENTS

www.ucc.ie/ugi

QQI/FE STUDENT

www.ucc.ie/qqi/ster

COURSE PAGE ONLINE

Dr Declan Kennedy

✓ d.kennedy@ucc.ie

www.ucc.ie/en/education

TESTIMONIAL DAVID O'CONNELL

Science Teacher

"I graduated from UCC with a Bachelor of Science Education degree. I found it to be a great advantage to be a fully qualified science teacher in four years. During my time in UCC I really enjoyed the great mix of lectures, lab practical sessions, tutorials, seminars, and the School Placement that took place throughout the course."

SCIENCE EDUCATION BEd (Honours)

WHAT IS SCIENCE EDUCATION?

Our Science Education degree involves the study of both science and education over a four-year period after which you will be a fully qualified science teacher. UCC's Science Education programme is an example of the concurrent model of teacher training which means that you study both science and education over the duration of the programme. On graduation you will be fully qualified to teach your two specialist science subjects to Leaving Certificate standard.

WHY UCC?

Our four-year science teacher training course takes place in UCC's state-of-the-art Eureka Centre for Inquiry-Based Education in Science and Mathematics and in the College of Science, Engineering and Food Science laboratories. This newly reconfigured programme is designed to meet all the Teaching Council curricular subject (post-primary) requirements and to that end we have designed the programme to cover the demand for science teachers in the following areas:

- Biology
- Chemistry
- · Computer Science
- Mathematics
- Physics

On graduation from the programme, you will be eligible to register with the Teaching Council as a fully qualified science teacher. Throughout the programme you will participate in Teaching Practice Placement where you will gain experience of science teaching in the secondary school classroom and school science laboratories.

WHAT WILL HELP YOU?

Biology, Chemistry, and Physics are all helpful subjects.

COURSE STRUCTURE

On entering the programme, you choose one of the following five Science Education routes and study these specialist science subjects, along with education modules, for the duration of the programme.

ROUTE 1: Biology + Chemistry

ROUTE 2: Physics + Mathematics

ROUTE 3: Computer Science + Mathematics

ROUTE 4: Chemistry + Mathematics ROUTE 5: Computer Science + Chemistry p. 294 Prospectus 2023

You will study Education modules alongside your chosen two specialist science subjects. Year 1 allows you to study the foundations of your two specialist science subjects and introduces you to science teaching and science education. In the following years you will study your two specialist science subjects and science education in further detail and spend some time on School Placement in a local secondary school. Your School Placement is organised around your UCC lectures and laboratory practical sessions. In Year 4 all your modules are education-based, with increased time spent on School Placement (minimum of 4 hours per week from August to May) as well as time spent in lectures and laboratory practical sessions at UCC.

FIRST YEAR MODULES

Depending on your chosen of Science Education Route you will take modules in two of the following science subjects together with Education modules.

BIOLOGY: BC1001 Introduction to Biochemistry and the Biological Basis of Disease (5 credits), BL1002 Cells, Biomolecules, Genetics and Evolution (5 credits), BL1004 Physiology and Structure of Plants and Animals (5 credits), BL1006 Habitats and Ecosystems (5 credits), MB1003 Microbiology in Society (5 credits).

CHEMISTRY: CM1200 Fundamentals of Modern ChemistryPart 1 (10 credits), CM1201 Fundamentals of Modern Chemistry Part 2a (10 credits), CM1203 Teaching Chemistry Concepts (5 credits).

COMPUTER SCIENCE: CS1022 Introduction to Programming and Problem Solving (15 credits), CS1115 Web Development 1 (5 credits).

MATHEMATICS: AM1052 Introduction to Mechanics (5 credits), AM1053 Introduction to Mathematical Modelling (5 credits), MA1058 Introduction to Linear Algebra (5 credits), MA1059 Calculus (5 credits), MS2013 Geometry (5 credits), ST1051 Introduction to Probability and Statistics (5 credits).

PHYSICS: PY1052 Introductory Physics I (10 credits), PY1053 Introductory Physics II (10 credits).

EDUCATION: ED1101 Introduction to Science Education (5 credits), ED1102 Introduction to Teaching Practice Placement Science Education (5 credits).

WORK PLACEMENT

Teaching Placement takes place in secondary schools, usually in Cork city or county, that work in partnership with UCC. Your placement will fit in around your normal timetable of campus-based lectures, laboratory practical sessions, tutorials, seminars, and workshops. As you progress through the programme, the number of hours that you spend on teaching placement gradually increases. By fourth year you will be teaching over the entire school year for a minimum of four hours per week in addition to participating in various associated activities in your school.

By the time you graduate you will have accumulated considerable teaching experience, and this makes graduates very attractive to schools seeking inspirational science teachers.

A LABORATORY PRACTICAL WORK

In addition to the laboratory practical work in the science modules, your laboratory practical work in the Science Education modules will also cover the practical work components of the Leaving Certificate Biology, Chemistry and Physics curricula as well as the Junior Cycle Science curriculum. You will also visit the Education Centre at Fota Wildlife Park to learn how the facilities there will enhance your teaching of science.

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Graduates from this programme are in high demand from schools in Ireland and abroad. The fact that you have accumulated both subject knowledge and teaching skills over the four years of the programme are of enormous help in your teaching career. This programme gives graduates the opportunity to take up an exciting career in which they can inspire young people with their teaching of science.

Recent graduates have taken up careers such as science teachers at secondary school level in Ireland and abroad, members of the science inspectorate of the Department of Education, researchers in science and science education, and lecturers in science education programmes.

GRADUATE STUDY OPTIONS

Some of our graduates have moved into research and postgraduate programmes such as MEd and PhD programmes.

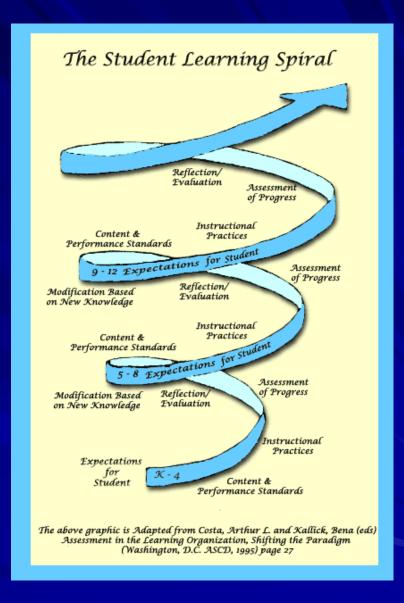
p. 295 Prospecctus 2023

School Placement

- School Placement is structured around UCC lectures and practicals.
- Students teach under the guidance of a treoraí (mentor) teacher.
- Full support is provided in UCC by a team of placement supervisors (tutors) and laboratory tutors in UCC via tutorials, lectures and lab practical sessions
- This continuing support is one of the great strengths of the programme.







Fourth Year

- All modules are Education Modules.
- Foundation Studies and Professional Studies:
- ED4101 Science Education III (10 credits)
- ED4102 Teaching Practice Placement Science Education III (20 credits)
- ED4103 Conceptual Foundations in School Placement Research Portfolio A (5 credits)
- ED4104 Conceptual Foundations in the Philosophy and History of Education (5 credits)
- ED4105 Conceptual Foundations in the Psychology and Sociology of Education (5 credits)
- ED4106 Conceptual Foundations in Curriculum and Assessment (5 credits)
- ED4107 Conceptual Foundations in Inclusive Education (5 credits)
- ED4108 Conceptual Foundations in School Placement Research Portfolio B (5 credits)

School Placement (Teaching Practice) in Fourth Year

- Module ED4102 (Teaching Practice Placement) involves a minimum of 140 hours direct classroom teaching.
- Students teach 6 class periods (6 x 40 mins approx) per week over the entire year. Students are available for teaching in schools all day Monday, Tuesday morning, Thursday morning and all day Friday.
- Students are in UCC for lectures and lab practical work on Tuesday afternoons, all day on Weds, and on Thursday afternoon.

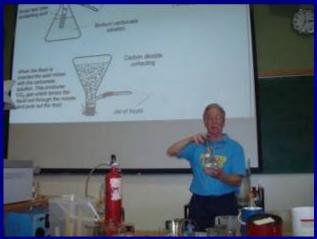
Direct Entry Route

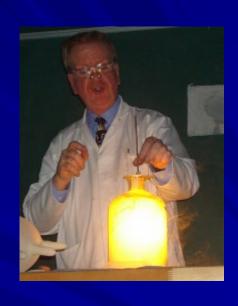
- Applicants who hold a degree (at least NFQ Level 7) in Physics or Chemistry or Biology or Agricultural Science or Computer Studies or Mathematics which satisfies the requirements of the Teaching Council for recognition to teach the subject to the highest level in secondary school or an equivalent qualification may enter this programme in Third Year.
- Students undertake Education modules in third year (at night).
- Fourth year for Direct Entry students is identical to fourth year for the students who enter through CK413..
- Applications for this route are made directly to the Admissions Office of UCC. The closing date for receipt of applications is June.

What facilities do we have for training science teachers?





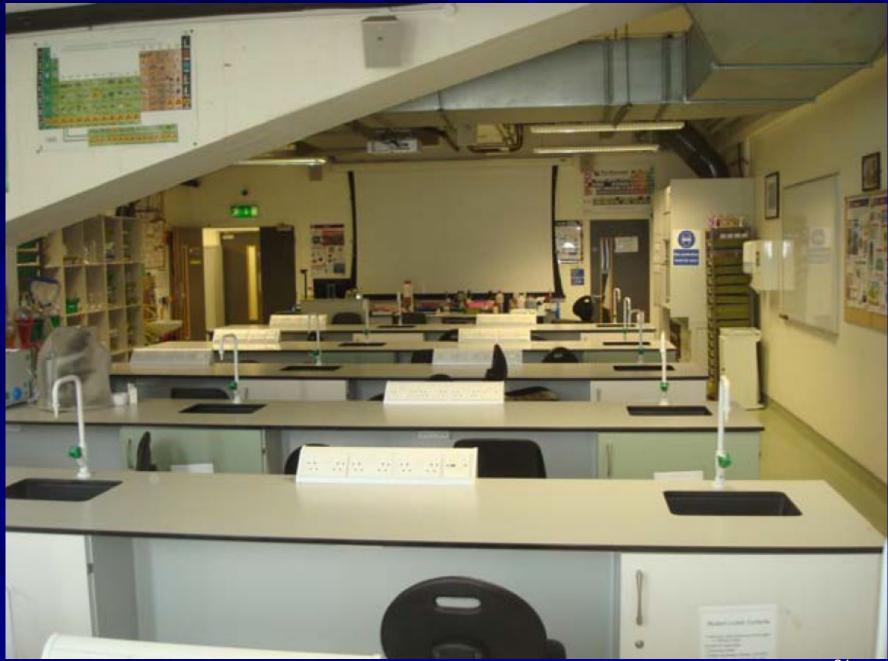




















Links with Irish Science Teachers' Association who hold their monthly meetings and inservice training events in the Eureka Centre.



























International Recognition by International Council of Associations for Science Education





You can travel the world with a BEdSc qualification as it has international recognition



International Council of Adulations for Science Education

This plaque certifies that the Eureka Centre of
University College Cork is a recognised member of the
ICASE network of Science and Technology Education
Centres. It has achieved this recognition as a result
of the excellent standard of Continuing Professional
Development programmes that it is providing for
teachers in keeping with the ICASE vision of Excellence
in Science Education worldwide.

School of Education UCC / ICASE Team in PROFILES Project



FAQ document available online on the School of Education UCC website: https://www.ucc.ie/en/education/



Bachelor of Science Education (BEdSc) UCC Frequently Asked Questions 3/10/22

This information sheet has been designed to answer questions that have been frequently asked by students about the programme. The official documentation provided by UCC contains the definitive rules and regulations and all prospective science education students are recommended to read this documentation on the UCC website.

The main information that is available for the BEdSc is summarised as follows:

- 1. An overall summary of the programme and documentation may be found at: https://www.ucc.ie/en/education/learn/
- 2. This information sheet may be downloaded from: https://www.ucc.ie/en/education/programme/faqs/#bsc-in-science-education-queries

It will be helpful to remember when reading the answers to the following questions that one full year of student workload is equivalent to 60 ECTS credits. All credits referred to in this document refer to ECTS credits as this is the system used throughout the European Union. (Some universities in the UK use a different system called CAT credits)

1. How do I become a qualified science teacher?

There are two main routes to becoming a qualified science teacher:

- You undertake a Bachelor of Science Education degree in which you study both science and education as part of the degree. The Bachelor of Science Education degree (BEdSc) in UCC is an example of this type of degree. This route is often referred to as the **concurrent model** of teacher training. The Bachelor of Science Education degree was initiated in UCC in 2000.
- 2. You undertake a BSc degree followed by a two-year course called the *Professional Master of Education* (PME). In former years, the PME course was called the *Professional Diploma in Education* (PDE) and *Higher Diploma in Education* (HDE). This route of a BSc degree followed by a teaching qualification is often referred to as the **consecutive model** of teacher training.

2. How long does it take to become a fully qualified science teacher via the Bachelor of Science Education route?

It takes 4 years via the BEdSc route. At the end of this four-year period, you will be fully qualified to teach your two specialist subjects to Leaving Certificate level and to teach Junior cycle Science.

16. What is the "Direct Entry" route into the BEdSc?

This entry route is designed for graduates of Physics or Chemistry or Biology or Agricultural Science or Computer Studies who wish to teach their specialist subject(s) to the highest standard at secondary school level. Applicants who hold a degree (at least NFQ Level 7) in Physics or Chemistry or Biology or Agricultural Science or Computer Studies which satisfies the requirements of the Teaching Council for recognition to teach the subject to the highest level in secondary school or an equivalent qualification may enter this programme in Third Year and take **ED2101**, **ED2102**, **ED3101** and **ED3102** in Third Year before proceeding to Fourth Year. Students who enter the programme via this route must pass **ED2101**, **ED2102**, **ED3101** and **ED3102** in Third Year before proceeding to Fourth Year.

To facilitate direct entry students, in third year all lectures, tutorials, laboratory practicals, etc are held on Weds evenings in UCC from 5 p.m. to 9 p.m. In addition, in third year you will participate in Teaching Placement in a local school (3×40 min periods). In third year you will receive four supervision visits from your Teaching Placement supervisor during the year.

In fourth year, the school placement module (ED4102) involves you teaching over the entire school year in a school within a 30 mile radius of UCC for 4 hours per week (usually 6×40 minute periods) or a minimum of 100 hours over the year. In addition, you will be involved in various associated activities in school. You will receive four supervised visits from your Teaching Practice supervisors during this time. In fourth year, your lectures in UCC will take place on Tuesday afternoons (2-6 p.m.), all day on Weds (9-6 p.m.) and on Thursday afternoons (2-6 p.m.). Thus you are free to teach all day on Monday, Tuesday 9-1 p.m., Thursday 9-1 p.m. and all day on Friday. An application form to enter the BEdSc degree via the Direct Entry route may be obtained from the Admissions Office UCC ((admissions@ucc.ie) or may be downloaded from http://www.ucc.ie/en/study/undergrad/how/

Summary video on BEdSc degree

Link to video is in the FAQ document

23. Is there any video clip summarising the BEdSc programme?

A short (19 min) video clip giving an overview of the programme may be found on the School of Education website:

https://media.heanet.ie/page/459c6a0aa3124e4cad6eb3b3e5f7e554

If you have any questions which are not answered in this information sheet, please contact:

Dr Declan Kennedy, BEdSc Programme Director, School of Education,

UCC.

E-mail: d.kennedy@ucc.ie

Tel: (021) 4903469

How to contact me

- I am always delighted to hear from students, teachers and Career Guidance Counsellors
- Email me at <u>d.kennedy@ucc.ie</u>



The End!



QQI/FE STUDENT ENTRY ROUTE

October 4th 2022

James Bilson & Katie Nolan

Access UCC





Why FE?

- Points
- Dedicated places for FE applicants
- Increasing number of linked courses
 - Readiness
 - Confidence
 - Unsure of choice
 - Unsure of commitment

Benefits of FE

- Study Skills
- College Life
- Independence
- Focus on career path
- Level 5 after 1 year
- Level 6 progression
- Progression to HE







QQI in Numbers

No. of courses	No. of places
4 4	246

No. of offers 22/23	No. of registrations 22/23
256	182



Arts, Celtic Studies and Social Science
112 places across 18 courses



Business & Law

53 places across 10 courses



Medicine & Health

39 places across 7 courses



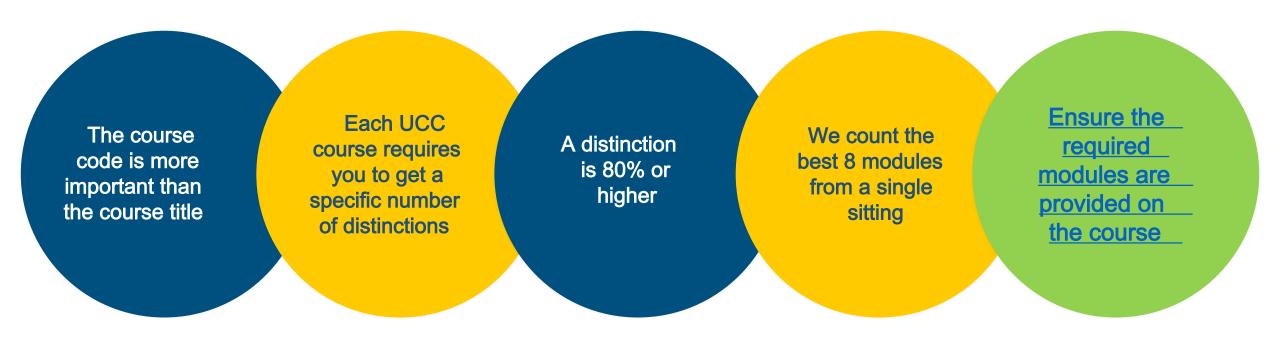
Science, Engineering & Food Science

42 places across 9 courses





QQI Entry Criteria



5N1356/6N1946 Work Experience, 5N1433/6N1947 Work Practice cannot be used as one of the required distinctions but will be allowed for scoring purposes.

















Supports

- Dedicated pre and post entry Support Officers
- Dedicated e-mail address
- Virtual one-to-one meetings
- Off campus presentations in Colleges of Further Education

Get in touch



First Floor, The Hub, Main Campus, UCC.



021-4901873



ucc.ie/en/accessforall



qqisupport@ucc.ie



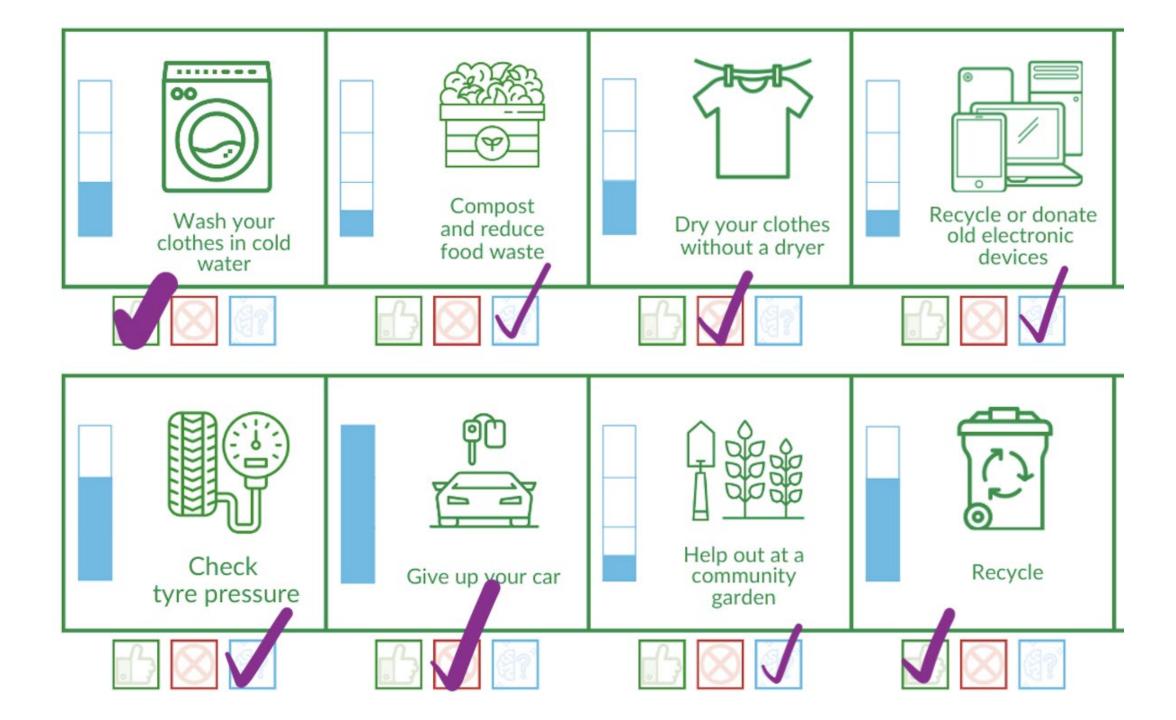


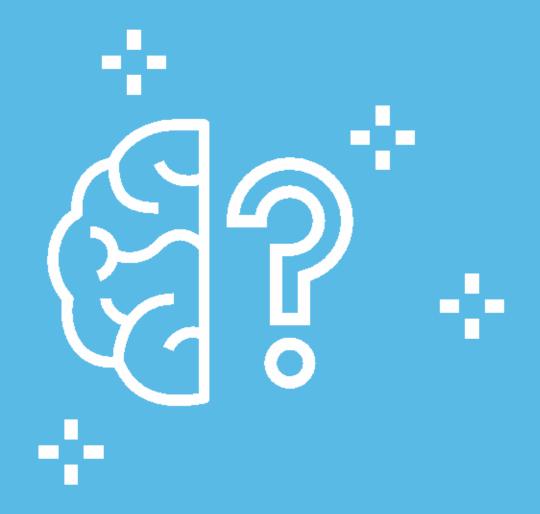
Your Climate Journey



Presenting today:

Catherine O'Sullivan





Things I could do!

"No one can do everything, but everyone can do something."

-JANE GOODALL

