



# COURSE BROCHURE 2024/2025





## Content

<b>Introduction</b>	<b>03</b>
<b>Featured Courses</b>	<b>04</b>
<b>MedTech Courses</b>	<b>05</b>
<b>(Bio)Pharma Courses</b>	<b>06</b>
<b>Business Courses</b>	<b>11</b>
<b>More Courses</b>	<b>13</b>

**Accelerating enterprise and individual performance through education and knowledge**

## The iEd Hub

iEd (industry and education) is a consortium involving University College Cork, Munster Technological University, and the Pharma and MedTech industry companies in the region. What makes us a little bit different from traditional educators or university units is at our core, our courses are designed and delivered by **industry experienced staff**.

Over the last four years, we've built a team, deliberately recruiting people from industry in exactly the companies that we're educating our students for. This has allowed us to identify and design **courses that industry need**.

Another aspect that's unique is our focus on cross disciplinary teaching. We're not just teaching technical skills. We have lecturers spread over Business, Pharmacy, Medicine, and Engineering schools and departments. And it's this cross disciplinary teaching that allows us to teach both **technical and transversal skills that are in high demand**.

Our courses are a result of **deep collaboration with our industry partners** to identify critical skill needs within sectors. This collaboration continues throughout the development of each course.

We are proud to share our lineup of new courses for 2024/2025. We have a board spread to choose from— large 90 credit masters, post-graduate certificates, and bite sized micro-credentials. Everybody's needs are different and we've found different ways of filling them for industry.

**Mark Tangney, Head of iEd Hub**

# Featured Courses

Our Course Brochure for 2024/2025 provides details of our new accredited courses starting from September 2024. Select **learn more** to view further details of specific courses of interest.

## Fees and funding opportunities

The fees for each course can be found through the relevant learn more links. Many of the courses featured have generous funding supports available for the 2024-2025 academic year. Early application is encouraged as many of these are allocated on a first come first serve basis.

## Micro-credentials

We have several new micro-credentials starting this year. Micro-credentials are short, accessible, courses designed to meet the demands of learners, industry, and organisations. They offer an industry-aligned, flexible, and accredited way to quickly upskill and boost career prospects by giving the learner job ready skills.

Learners may choose to undertake an individual micro-credential or continue on studying, advancing their skills and knowledge over time.



### Career-friendly

Agile and flexible learning to fit working schedules



### Accredited

Credit range of 1-30 ECTs within levels 7-10 on the National Framework of Qualifications



### Stackable

Combine credits achieved and stack towards a larger qualification or award

# Anatomy for Medical Device Development

PG Certificate

9 months

September 2024



The Postgraduate Certificate in Anatomy for Medical Device Development focuses on the anatomical aspects related to the broad discipline of bio-medical device design in relation to the development of human-centric devices, products, services, and experiences. On completion of the programme, you will have mastered fluency in anatomical terminology and medical imaging as well as gaining in depth technical knowledge of cardiovascular and neurovascular anatomy and the anatomy of the musculoskeletal system in health and disease.

Watch the 3 min overview ▶

Learn more >>>

## Contact Details

- Dr Rosanne Raftery
- rraftery@ucc.ie
- +353 (0)21 420 5477
- <https://www.ucc.ie/en/anatomy/>



# Industrial Pharmaceutical Sciences, Operations and Management

MSc Full-time

12 months

September 2024



This MSc programme is the only one of its kind in Ireland that incorporates Industrial Pharmaceutical Sciences and Management targeted at the biopharma & pharma manufacturing industry. The programme has a number of benefits:

- An 8-month industry placement
- A multi-disciplinary programme designed with industry
- Practical & applied industry focus with 60 hours of hands-on practicals
- Industry experienced lecturers
- Guest industry lectures across all modules

Watch the 3 min overview ▶

Learn more »»

## Contact Details

- Dr Evin Allen
- [evinallen@ucc.ie](mailto:evinallen@ucc.ie)
- +353 (0)21 490 1676
- <https://www.ucc.ie/en/pharmacy/>
- Dr Lauren Bari
- [lauren.bari@ucc.ie](mailto:lauren.bari@ucc.ie)
- +353 (0)21 490 2574
- <https://www.cubsucc.com/>

# Regulated New Product Introduction and Technology Transfer

MSc

2 years

September 2024



The MSc in Regulated New Product Introduction and Technology Transfer has been developed between the Engineering faculty at MTU and a number of Life-science industry partners, as part of the iEd Hub suite of industry-facing programmes. It aims to enable learners to develop their technical and transversal skills to support the transfer of new pharmaceutical and biopharmaceutical products in and out of manufacturing facilities while operating in a GxP regulated environment.

[Watch the 3 min overview ▶](#)

[Learn more >>>](#)

## Contact Details

---

- Dr David Healy
- david.healy@mtu.ie

# Regulated New Product Introduction for the (Bio) Pharmaceutical Industry

PG Certificate

3 semesters

September 2024



This Postgraduate Certificate develops the skills to support the transfer of new pharmaceutical and biopharmaceutical products in and out of manufacturing facilities while operating in a GxP regulated environment. The courses focus on the latest industry guidance and regulatory requirements. This certificate is a minor award of the Master of Science in Regulated New Product Introduction & Technology Transfer. Students who complete this course can transfer into the Masters course.

[Watch the 3 min overview ▶](#)

[Learn more >>>](#)

## Contact Details

---

- Dr David Healy
- david.healy@mtu.ie



# Contamination Control for the Pharma and Biopharma Industry

Micro-credential

12 weeks

September 2024



This course provides students with an introduction to contamination control strategies in the pharmaceutical and biopharmaceutical industries in line with EU Annex 1 regulations. Delivered in partnership with Pharmalliance Consulting, expert practitioners in the field, the course has been purposively designed to facilitate those in full-time employment. Content is delivered using a blended learning approach with students completing online learning and attending UCC Campus for 5 days of in-person workshops across September to December.

Watch the 3 min overview ▶

Learn more >>>

## Contact Details

---

- Dr Evin Allen
- [evinallen@ucc.ie](mailto:evinallen@ucc.ie)
- +353 (0)21 490 1676
- <https://www.ucc.ie/en/pharmacy/>

# Contract and External Manufacturing in Pharma and Biopharma

Micro-credential

12 weeks

September 2024



This course provides students with a holistic introduction to contract/external manufacturing, development and testing in pharma/biopharma industry and to develop the transversal skills required to perform in this area of biopharma/pharma industry. Delivered in partnership with UCC School of Pharmacy, Cork University Business School, and expert guest lecturers, the course covers both technical, quality supply-chain elements as well as customer-client relationship aspects.

Watch the 3 min overview ▶

Learn more »»

## Contact Details

- Dr Evin Allen
- [evinallen@ucc.ie](mailto:evinallen@ucc.ie)
- +353 (0)21 490 1676
- <https://www.ucc.ie/en/pharmacy/>

# Enabling Enterprise Growth Through Entrepreneurial Practice

Micro-credential

12 weeks

September 2024



This course is intended for anyone interested in developing their ability to identify opportunities and develop innovative solutions. Students will learn how to use entrepreneurial practices to identify growth opportunities for new and established enterprises in every sector. This course is designed to accelerate career development for students with a technical or non-technical background by providing them with the business and transversal skills they need. This will strengthen an individual's ability to solve problems, develop realistic plans, and identify opportunities for growth.

[Watch the 3 min overview ▶](#)

[Learn more >>>](#)

## Contact Details

---

- Dr Fiona Edwards Murphy
- [fedwardsmurphy@ucc.ie](mailto:fedwardsmurphy@ucc.ie)



# Stakeholder Influencing for Enterprise Innovators

**Micro-credential**

**12 weeks**

**January 2025**



This course aims to provide participants with the skills necessary to convey innovative business concepts to critical stakeholders. It focuses on identifying key stakeholders for new ideas within new and established organisations. Through a combination of written and verbal techniques, participants will learn how to win support for new business plans and models.

[Watch the 3 min overview ▶](#)

[Learn more >>>](#)

## Contact Details

---

- Dr Fiona Edwards Murphy
- [fedwardsmurphy@ucc.ie](mailto:fedwardsmurphy@ucc.ie)



# More Courses

To explore more iEd Hub courses visit <https://iedhub.ie/>

## Level 9

- MSc Health and Wellbeing
- MRes in Industrial Pharmaceuticals
- PG Cert Manufacturing of Pharmaceutical Formulations
- PG Cert (Bio)Pharmaceutical Technologies
- PG Cert Applied Analytics for Business
- PG Cert Building Work-based Resilience in Self and Others
- PG Cert Intelligent Manufacturing Systems
- Micro-cred Lean Six Sigma for Biopharma
- Micro-cred Digital Transformation & Novel Products in the (Bio)Pharma Industry
- Micro-cred Fundamentals of Human Structure
- Micro-cred Fundamentals of Neuroanatomy

## Level 8

- BEng (Hons) Biomedical Engineering
- HDip Work and Organisational Leadership
- Cert Industrial Automation and Networks
- Cert Leadership Development

## Level 7

- BEng Mechanical Engineering (Stage 3)
- BEng Biomedical Engineering
- SPA Biomedical Device Manufacture
- Cert Quality Management – Part 1
- Cert Project Management
- Cert Operator Development (Pharma Manufacturing)

## Level 6

- SPA Introduction to PLCs, Control & SCADA
- SPA Cleanroom Manufacturing Practices
- Cert Process Instrumentation & Calibration
- Cert Work and Organisational Behaviour
- Cert Quality Assurance
- Cert Supervisory Management



# Education for Enterprise, with Enterprise



**Brookfield Health Sciences Complex**

College Road, Cork, T12 AK54

P. +353 (0)21 420 5620

E. [iedhub@ucc.ie](mailto:iedhub@ucc.ie)

[www.iedhub.ie](http://www.iedhub.ie)

