

Compendium of Biopharma Related Science Education and Training Courses- Ireland



Expert Group Future Skills Needs Secretariat
Department of Jobs, Enterprise and Innovation
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Introduction

This paper provides an outline of the range of Biopharma related Science courses that the Biopharma Industry can draw upon to meet its growing skills needs. These include Higher-Education courses, Further Education and Training courses, Springboard + 2016 courses for jobseekers (with 935 Springboard+ upskilling places approved for 2016) and also training being provided by NIBRT – National Institute for Bioprocessing Research and Training.

Findings in the EGFSN report on *Future Skills Needs of the Biopharma Industry in Ireland* (August 2016) estimated that nearly 50% of graduates who entered the Biopharma Industry in Ireland were from science and maths disciplines, 24% from engineering disciplines, 12% from health and welfare disciplines, and 7% from business disciplines. The remaining graduates were sourced from a combination of computer science, agriculture & veterinary education, and arts/humanities disciplines.

This listing can be used by Biopharma companies to meet their skills and talent needs and also by individuals who are interested in undertaking relevant education and training programmes that lead on to rewarding and interesting careers in the Biopharma Industry.

There are of course a range of other engineering, health, ICT, maths, and business programmes that the Biopharma industry draws upon in addition to the Biopharma science related courses listed in this paper.

A Glossary of terms used in the compendium is given in page 29.

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Third Level Institution (Public)	Courses	NFQ Level
Athlone IT	Bachelor of Science(Hons) in Applied Biosciences	8
Athlone IT	Bachelor of Science(Hons) in Biotechnology	8
Athlone IT	Bachelor of Science(Hons)	8
Athlone IT	Bachelor of Science(Hons) in Human and Animal Toxicology	8
Athlone IT	Bachelor of Science(Hons) in Pharmaceutical Science	8
Athlone IT	Bachelor of Science(Hons) in Toxicology	8
Athlone IT	Bachelor of Science in Biotechnology	7
Athlone IT	Bachelor of Science in Forensic Toxicology	7
Athlone IT	Bachelor of Science in Pharmaceutical Science	7
Athlone IT	Bachelor of Science in Pharmacy Technician	7
Athlone IT	Certificate in Lean Six Sigma (Special Purpose Award)	7
Athlone IT	Higher Certificate in Science in BioSciences and Chemistry	6
Athlone IT	Higher Certificate in Science in Pharmacy Technician	6
Athlone IT	Master of Science (Biology)	9
Athlone IT	Master of Science in Applied Toxicology	9
Athlone IT	Certificate in Clinical Pharmacy & Pharmaceutical Care (Special Purpose Award)	7
Cork IT	Bachelor of Engineering(Hons) Chemical and Biopharmaceutical Engineering	8
Cork IT	Bachelor of Science (Hons) Biological and related Science	8
Cork IT	Bachelor of Science (Hons) Analytical Chemistry with Quality Assurance	8
Cork IT	Bachelor of Science (Hons) Applied Physics and Instrumentation	8
Cork IT	Bachelor of Science (Hons) Biomedical Science	8
Cork IT	Bachelor of Science (Hons) Environmental Science and Sustainable Technology	8
Cork IT	Bachelor of Science (Hons) Herbal Science	8
Cork IT	Bachelor of Science (Hons) Instrument Engineering	8
Cork IT	Bachelor of Science (Hons) Pharmaceutical Biotechnology	8
Cork IT	Bachelor of Science (Hons) Process Plant Technology	8
Cork IT	Bachelor of Science Analytical and Pharmaceutical Chemistry	7

Cork IT	Bachelor of Science Applied BioSciences	7
Cork IT	Bachelor of Science Applied BioSciences with Biotechnology	7
Cork IT	Bachelor of Science Applied Physics and Instrumentation	7
Cork IT	Bachelor of Science Food and Health Science	7
Cork IT	Certificate Biopharmaceutical Processing (Special Purpose Award)	7
Cork IT	Certificate Chemical Process Safety (Special Purpose Award)	8
Cork IT	Certificate Plant and Piping Design(Special Purpose Award)	7
Cork IT	Certificate Quality Assurance (Special Purpose Award)	6
Cork IT	Diploma Biopharmaceutical Manufacturing Operations (Special Purpose Award)	7
Cork IT	Diploma Clinical Laboratory Practice (Special Purpose Award)	8
Cork IT	PhD (Biology)	10
Cork IT	PhD (Chemistry)	10
Cork IT	PhD (Physics)	10
Cork IT	Higher Certificate in Science Industrial Measurement and Control	6
Cork IT	Master of Science (Research) Chemistry	9
Cork IT	Master of Science (Research) Physics	9
Cork IT	Master of Science (Research) Biology	9
Cork IT	Master of Science Computational Biology	9
DCU	Bachelor of Science Common Entry into Science	8
DCU	Bachelor of Science Environmental Science + Health	8
DCU	Bachelor of Science Physics with Biomedical Sciences	8
DCU	Bachelor of Science in Analytical Science	8
DCU	Bachelor of Science in Applied Physics	8
DCU	Bachelor of Science in Biotechnology	8
DCU	Bachelor of Science in Chemical and Pharmaceutical Science	8
DCU	Bachelor of Science in Genetics and Cell Biology	8
DCU	Bachelor of Science in Physics with Astronomy	8
DCU	Graduate Diploma in Plasma and Vacuum Technology	9
DCU	MSc (Biological and related Science)	9
DCU	MSc (Physics)	9

DCU	MSc in Biomedical Diagnostics	9
DCU	MSc in Plasma and Vacuum Technology	9
DCU	Master of Science (Chemistry)	9
DCU	Master of Science in Bioprocess Engineer	9
DCU	PhD (Biologics)	10
DCU	PhD (Chemistry)	10
DCU	PhD (Physics)	10
DCU	PhD-track (Biological and related Science)	10
DCU	PhD-track (Chemistry)	10
DCU	PhD-track (Physics)	10
DIT	Bachelor of Science (Hons) Bio-Molecular Science	8
DIT	Bachelor of Science (Hons) Chemical Sciences with Medicinal Chemistry	8
DIT	Bachelor of Science (Hons) Forensic and Environmental Chemistry	8
DIT	Bachelor of Science (Hons) General Entry Science	8
DIT	Bachelor of Science (Hons) Nutraceuticals in Health and Nutrition	8
DIT	Bachelor of Science (Hons) Pharmaceutical Health Care	8
DIT	Bachelor of Science (Hons) Physics Technology	8
DIT	Bachelor of Science (Hons) Physics with Energy and Environmental	8
DIT	Bachelor of Science (Hons) Public Health Nutrition	8
DIT	Bachelor of Science (Hons) Science with Nanotechnology	8
DIT	Bachelor of Science (Ord) BioSciences	7
DIT	Bachelor of Science (Ord) Industrial and Environmental Physics	7
DIT	Bachelor of Science (Ord) Manufacture of Medicinal Products	7
DIT	Bachelor of Science (Ord) Medicinal Chemistry and Pharmaceutical Sciences	7
DIT	CPD Biomedical Sciences Certificates (Minor Award)	8
DIT	CPD Medical Device Decontamination Certificate	7
DIT	CPD e-(Bio) Pharma Chemistry Certificate (Minor Award)	7
DIT	CPD eValidation Certificate (Minor Award)	7
DIT	PhD Track (Biological and related Science)	10
DIT	PhD Track (Chemistry)	10

DIT	PhD Track (Physics)	10
DIT	PhD Research (Biologics and related Science)	10
DIT	PhD Research (Chemistry)	10
DIT	PhD Research (Physics)	10
DIT	Erasmus Biological Sciences	8
DIT	Higher Certificate Pharmacy Technician Studies	6
DIT	Master of Philosophy (Chemistry)	9
DIT	Master of Philosophy (Physics)	9
DIT	Master of Science Applied Mathematics and Theoretical Physics	9
DIT	Master of Science Geographic Information Science	9
DIT	Master of Science Geospatial Engineering	9
DIT	Master of Science Pharmaceutical Quality Assurance and Biotechnology	9
DIT	Master of Science Pharmaceutical Quality Assurance and Regulation	9
DIT	Master of Science Pharmaceutical Validation Technology	9
DIT	Master of Science Sustainable Development	9
Dundalk IT	Bachelor of Science (Hons) in Biopharmaceutical Science	8
Dundalk IT	Bachelor of Science (Hons) in Environmental Biology	8
Dundalk IT	Bachelor of Science (Hons) in Environmental BioScience	8
Dundalk IT	Bachelor of Science in Applied BioScience	7
Dundalk IT	Bachelor of Science in Pharmaceutical Science	7
Dundalk IT	PhD (Environmental Science)	10
Dundalk IT	Master of Science (Environmental Science)	9
Dundalk IT	PhD in Applied Sciences	10
GMIT	Bachelor of Science (Hons) Biology	8
GMIT	Bachelor of Science (Hons) in Applied Biology and Biopharmaceutical Science	8
GMIT	Bachelor of Science (Hons) in Chemical and Pharmaceutical Science	8
GMIT	Bachelor of Science (Hons) in Common Science	8
GMIT	Bachelor of Science (Hons) in Physics and Instrumentation	8
GMIT	Bachelor of Science (Hons) in Applied Biology and Biopharmaceutical Science	7
GMIT	Bachelor of Science (Hons) in Chemical and Pharmaceutical Science	7

GMIT	Bachelor of Science in Common Science	7
GMIT	Bachelor of Science (Hons) in Physics and Instrumentation	7
GMIT	Master of Science In Maths/Computing	9
GMIT	Master of Science Life Science	9
GMIT	PHD in Life Science	10
IT Carlow	Bachelor of Science (Hons) in Bio Sciences with Bioforensics	8
IT Carlow	Bachelor of Science (Hons) in Bio Sciences with Biopharmaceuticals	8
IT Carlow	Bachelor of Science (Hons) in Industrial Environmental Science	8
IT Carlow	Bachelor of Science in Analytical and Forensic Science	7
IT Carlow	Bachelor of Science in Bio Sciences	7
IT Carlow	Certificate in Microbiology of Environmental Contaminants	8
IT Carlow	PhD (Biological and related Science)	10
IT Carlow	Higher Certificate in Science	6
IT Carlow	Higher Certificate in Science in Pharmacy Technician Studies	6
IT Carlow	Higher Certificate in Science in Applied Biology	6
IT Carlow	Higher Certificate in Science in Applied Chemistry	6
IT Carlow	Master of Science	9
IT Sligo	Bachelor of Science (Hons)	8
IT Sligo	Bachelor of Science (Hons) in Biopharmaceutical Science	8
IT Sligo	Bachelor of Science (Hons) in Environmental Management	8
IT Sligo	Bachelor of Science (Hons) in Environmental Science	8
IT Sligo	Bachelor of Science (Hons) in Forensic Investigation & Analysis	8
IT Sligo	Bachelor of Science (Hons) in Forensic Investigation & Analysis	8
IT Sligo	Bachelor of Science (Hons) in Pharmaceutical Science	8
IT Sligo	Bachelor of Science (Hons) in Environmental Science	8
IT Sligo	Bachelor of Science in Biopharmaceutical Science	7
IT Sligo	Bachelor of Science in Environmental Management	7
IT Sligo	Bachelor of Science in Environmental Protection	7
IT Sligo	Bachelor of Science in Forensic Investigation and Analysis	7
IT Sligo	Bachelor of Science in Pharmaceutical Science	7

IT Sligo	Bachelor of Science in Pharmaceutical Science by Distance Learning	7
IT Sligo	Certificate in Biopharmaceutical Science	9
IT Sligo	Certificate in Quality Analytics for Biopharmaceutical	9
IT Sligo	Certificate in Science in Biopharmaceutical Processing	6
IT Sligo	Certificate in Science in Biopharmaceutical Processing	7
IT Sligo	Certificate in Science in Biopharmaceutical Science	8
IT Sligo	Certificate in Science in Bioprocess Engineering	7
IT Sligo	Certificate in Science in Bioprocessing Technologies	8
IT Sligo	Certificate in Science in Cleanroom Manufacturing	6
IT Sligo	PhD (Environmental Science)	10
IT Sligo	Higher Certificate in Science	6
IT Sligo	Higher Certificate in Science in Good Manufacturing Practice	6
IT Sligo	Master of Science by Research	9
IT Sligo	Master of Science in Biopharmaceutical Science	9
IT Sligo	Master of Science in Energy Management	9
IT Sligo	Master of Science in Industrial Pharmaceutical Science	9
IT Sligo	Masters of Science in Environmental Protection	9
IT Sligo	Post Graduate Diploma in Science in Biopharmaceutical Science	9
IT Sligo	Postgraduate Diploma in Science in Environmental Protection	9
IT Tallaght	Bachelor of Science (Hons) in Bioanalytical Science	8
IT Tallaght	Bachelor of Science (Hons) in DNA and Forensic Science	8
IT Tallaght	Bachelor of Science (Hons) in Pharmaceutical Science	8
IT Tallaght	Bachelor of Science in Bio Analysis	7
IT Tallaght	Bachelor of Science in DNA and Forensic Analysis	7
IT Tallaght	Bachelor of Science in Pharmaceutical Science	7
IT Tallaght	Bachelor of Science in Pharmaceutical Technology	7
IT Tallaght	Bachelor of Science (Biological and related Science)	7
IT Tallaght	Certificate in Bioprocessing and Cleanroom Management (Minor Award)	6
IT Tallaght	Certificate in Food Science and Technology (Minor Award)	6
IT Tallaght	Certificate in GMP and Regulatory Affairs in GMP and Technology	6

IT Tallaght	Certificate in Pharmaceutical Technology Bioprocessing and Healthcare (Special Purpose Award)	7
IT Tallaght	Certificate in Pharmaceutical and Medical Device Manufacturing (Special Purpose Award)	8
IT Tallaght	Certificate in Pharmaceutical and Medical Device Operations (SPA)	6
IT Tallaght	Higher Certificate in Science in Applied Biology	6
IT Tallaght	Higher Certificate in Science in GMP and Technology	6
IT Tallaght	Higher Certificate in Science in Process Technologies	6
IT Tallaght	Higher Certificate in Science in Sterile Services Technology	6
IT Tallaght	Higher Diploma in Science in Pharmaceutical Production	8
IT Tallaght	Master of Science in Biology	9
IT Tallaght	Master of Science in Chemistry	9
IT Tallaght	Master of Science in Pharmaceutical Manufacturing & Process Technology	9
IT Tallaght	Masters of Science in Physics	10
IT Tallaght	PHD in Science in Biology	10
IT Tallaght	PHD in Science in Chemistry	10
IT Tralee	Bachelor of Science(Hons) in Pharmaceutical Analysis with Environmental Science	8
IT Tralee	Bachelor of Science(Hons) in Pharmaceutical Analysis with Forensics	8
IT Tralee	Bachelor of Science(Hons) in Pharmaceutical Science	8
IT Tralee	Bachelor of Science in Food Science with Innovation	7
IT Tralee	Bachelor of Science in Pharmaceutical Analysis with Environmental Science	7
IT Tralee	Bachelor of Science in Pharmaceutical Analysis with Forensics	7
IT Tralee	Bachelor of Science in Pharmaceutical Science	7
IT Tralee	Certificate in Applied Biology and Chemistry	6
IT Tralee	Foundation Certificate in Medical Commencement Pharmacy	6
IT Tralee	Higher Certificate in Science in Biological and Environmental Studies	6
IT Tralee	PhD (Biological and Pharma Sciences Department)	10
Letterkenny IT	Bachelor of Science (Hons)	8
Letterkenny IT	Bachelor of Science (Hons) in Bioanalytical Science	8
Letterkenny IT	Bachelor of Science in BioScience	7
Letterkenny IT	Bachelor of Science in Pharmaceutical and Medicinal Science	7
Letterkenny IT	Higher Certificate in Science in Pharmacy Technician	6

Letterkenny IT	Master of Science by Research	9
Limerick IT	Bachelor of Science (Hons) Bioanalysis and Biotechnology	8
Limerick IT	Bachelor of Science (Hons) Chemical Instrumentation and Analysis	8
Limerick IT	Bachelor of Science (Hons) Drug and Medicinal Product Analysis	8
Limerick IT	Bachelor of Science (Hons) Environmental & Analytical Science	8
Limerick IT	Bachelor of Science (Hons) Environmental and Natural Resource Management	8
Limerick IT	Bachelor of Science (Hons) Pharmaceutical and Forensic Analysis	8
Limerick IT	Bachelor of Science Applied Biology	7
Limerick IT	Bachelor of Science Applied BioSciences	7
Limerick IT	Bachelor of Science Chemical Instrumentation/Analytical Methods	7
Limerick IT	Bachelor of Science Environmental Management in Agriculture	7
Limerick IT	Bachelor of Science Environmental and Analytical Science	7
Limerick IT	Bachelor of Science Pharmaceutical and Forensic Analysis	7
Limerick IT	Higher Certificate in Science Applied Chemistry	6
Limerick IT	Higher Certificate in Science Environmental and Analytical Science	6
NUIG	Bachelor of Science (Biopharmaceutical Chemistry)	8
NUIG	Bachelor of Science(Biopharmaceutical Chemistry) Hons	8
NUIG	Bachelor of Science(Physics & Applied Physics) Hons	8
NUIG	Bachelor of Science (Physics with Astrophysics) Hons	8
NUIG	Bachelor of Science (Science & Technology Studies)	8
NUIG	CPD Credit (Science & Technology)	6
NUIG	MSc in Biomedical Science	9
NUIG	Master of Science (Toxicology)	9
NUIG	Masters (Research) Key Enabling Technologies	9
NUIG	Postgraduate Diploma in Applied Microbiology	9
NUIG	Structured Masters (Chemistry)	9
NUIG	Structured Ph.D. (Science) (Biological and Related science)	10
NUIG	B.Sc. Degree (Undenominated) (Biological and related Science)	8
NUIG	Bachelor of Science(Biomedical Science)	8
NUIG	Bachelor of Science (Biomedical Science) Hons	8

NUIG	Bachelor of Science (Biotechnology) (Hons.)	8
NUIG	Bachelor of Science (Biotechnology).	8
NUIG	Bachelor of Science (Earth and Ocean Sciences)	8
NUIG	Bachelor of Science (Earth and Ocean Sciences) Hons	8
NUIG	Bachelor of Science (Environmental Science)	8
NUIG	Bachelor of Science (Environmental Science) (Hons.)	8
NUIG	Bachelor of Science (Hons) (Biological and Related science)	8
NUIG	Bachelor of Science (Marine Science)	8
NUIG	Bachelor of Science (Marine Science) Hons	8
NUIG	Bachelor of Science Degree (Undenominated)	8
NUIG	Diploma in Scientific Studies (Gemmology)	7
NUIG	Diploma in Scientific Studies (Geology)	7
NUIG	Master of Science (Biological and related Science)	9
NUIG	Master of Science (Biomedical Science)	9
NUIG	Master of Science (Biomedical Science) (P/T)	9
NUIG	Master of Science (Biotechnology)	9
NUIG	Master of Science (Neuropharmacology)	9
NUIG	Master of Science (P/T) (Biological and Related Science)	9
NUIG	Ph.D.(Science) (Biological and related Science)	10
NUI Maynooth	BSc Biological and Biomedical Sciences	8
NUI Maynooth	Bachelor of Science (with education)	8
NUI Maynooth	Bachelor of Science (with education)	8
NUI Maynooth	Bachelor of Science(with education)	8
NUI Maynooth	Certificate in Science (Interdisciplinary(6
NUI Maynooth	BSc Chemistry with Pharmaceutical Chemistry	8
NUI Maynooth	MSc (mode i) Research (Biology)	9
NUI Maynooth	MSc (mode i) Research (Chemistry)	9
NUI Maynooth	Science (mode i) Research (Physics)	9
NUI Maynooth	PhD degree (Earth Science)	10
NUI Maynooth	PhD degree Science (Biology)	10

NUI Maynooth	PhD degree Science (Chemistry)	10
NUI Maynooth	PhD degree Science (Physics)	10
NUI Maynooth	BSc Pharmaceutical and Biomedical Chemistry	8
NUI Maynooth	BSc Physics with Astrophysics	8
NUI Maynooth	BSc Science (Biotechnology)	8
NUI Maynooth	BSc Science Education (Chemistry)	8
NUI Maynooth	BSc Science Education (Interdisciplinary)	8
NUI Maynooth	BSc Science Hons (Interdisciplinary)	8
NUI Maynooth	BSc Science Hons (Chemistry)	8
NUI Maynooth	BSc Science single Hons (Biology)	8
NUI Maynooth	BSc Science single Hons (Chemistry)	8
Royal College of Surgeons	National Pharmacy Internship Programme	9
Royal College of Surgeons	Pharmacy	8
TCD	Biodiversity and Conservation	9
TCD	Cardiology in Clinical Pharmacy (Module)	9
TCD	Chemistry with Molecular Modelling	8
TCD	Clinical Chemistry	9
TCD	Earth Sciences	8
TCD	Environmental Sciences	9
TCD	Human Genetics	8
TCD	MSc in Biochemistry	9
TCD	MSc in Botany	9
TCD	MSc in Chemistry	9
TCD	MSc in Genetics	9
TCD	MSc in Microbiology	9
TCD	MSc in Pharmacy and Pharmaceutical Sciences	9
TCD	MSc in Physics	9
TCD	Medicinal Chemistry	8
TCD	PhD in Biochemistry	10
TCD	PhD in Chemistry	10

TCD	PhD in Genetics	10
TCD	PhD in Microbiology	10
TCD	PhD in Pharmacy and Pharmaceutical Sciences	10
TCD	PhD in Physics	10
TCD	Pharmaceutical Analysis	9
TCD	Pharmaceutical Manufacturing Technology	9
TCD	Pharmaceutical Medicine	9
TCD	Pharmacy	8
TCD	Theoretical Physics	8
UCC	Bachelor of Engineering (Process and Chemical Engineering)	8
UCC	Bachelor of Science(Astrophysics)	8
UCC	Bachelor of Science (Biological Earth & Environmental Sciences) Applied Plant Biology	8
UCC	Bachelor of Science (Biological Earth & Environmental Sciences) Earth Science	8
UCC	Bachelor of Science (Biological Earth & Environmental Sciences) Ecology	8
UCC	Bachelor of Science (Biological Earth & Environmental Sciences) Ecology and Environmental Biology	8
UCC	Bachelor of Science (Biological Earth & Environmental Sciences) Environmental Science	8
UCC	Bachelor of Science (Biological Sciences) Biochemistry	8
UCC	Bachelor of Science (Biological Sciences) Ecology	8
UCC	Bachelor of Science (Biological Sciences) Environmental Plant Biotechnology	8
UCC	Bachelor of Science (Biological Sciences) Microbiology	8
UCC	Bachelor of Science (Biological Sciences) NeuroScience	8
UCC	Bachelor of Science(Biological Sciences) Physiology	8
UCC	Bachelor of Science(Biological Sciences) Year 2	8
UCC	Bachelor of Science(Biological Sciences) Zoology	8
UCC	Bachelor of Science (Biological and Chemical Sciences) Year 1	8
UCC	Bachelor of Science (Biological, Earth and Environmental Sciences) Year 1	8
UCC	Bachelor of Science (Biomedical Sciences)	8
UCC	Bachelor of Science (Chemical Physics)	8
UCC	Bachelor of Science (Chemical Sciences) Year 1	8
UCC	Bachelor of Science (Chemistry of Pharmaceutical Compounds)	8

UCC	Bachelor of Science (Chemistry with Forensic Science)	8
UCC	Bachelor of Science (Chemistry)	8
UCC	Bachelor of Science (Environmental Sciences) Biotechnology	8
UCC	Bachelor of Science (Environmental Sciences) Environmental Science	8
UCC	Bachelor of Science (Environmental Sciences) Zoology	8
UCC	Bachelor of Science (Genetics)	8
UCC	Bachelor of Science (Intercalated) Pharmacology	8
UCC	Bachelor of Science (Nutritional Sciences)	8
UCC	Bachelor of Science(Physical Sciences) Year 1	8
UCC	Bachelor of Science(Physics) Single Hons	8
UCC	Dip Process and Chemical Engineering	7
UCC	Diploma in Environmental Science	7
UCC	Diploma in Field Ecology	7
UCC	M Eng Science (Pharmaceutical & Biopharma Engineering)	9
UCC	MD Biology	10
UCC	MEngSc (Marine Renewable Energy)	9
UCC	MEngSc (Process)	9
UCC	MSc (Analysis of Pharmaceutical Compounds)	9
UCC	MSc (Analytical Chemistry)	9
UCC	MSc (Analytical Chemistry) (P/T)	9
UCC	MSc (Bioinformatics and Computational Biology)	9
UCC	MSc (Bioinformatics and Computational Biology) (P/T)	9
UCC	MSc (Clinical Pharmacy)	9
UCC	MSc (Ecological Assessment)	9
UCC	MSc (Environmental Analytical Chemistry)	9
UCC	MSc (Faculty of Food Science and Technology)	9
UCC	MSc (Faculty of Medicine and Health)	9
UCC	MSc (Faculty of Medicine and Health)	9
UCC	MSc (Food Microbiology)	9
UCC	MSc (Molecular Cell Biology)	9

UCC	MSc (Organic Horticulture)	9
UCC	MSc (Pharmaceutical Technology and Quality Systems)	9
UCC	MSc (Science Faculty) Biology	9
UCC	MSc (Science Faculty) Biochemistry	9
UCC	MSc (Science Faculty) Environmental Science	9
UCC	MSc (Science Faculty) Chemistry	9
UCC	MSc (Science Faculty) Earth Science	9
UCC	MSc (Science Faculty) Physics	9
UCC	MSc (Science Faculty) Biology (P/T)	9
UCC	MSc (Science Faculty) Earth Science (P/T)	9
UCC	Masters in Research Biochemistry	9
UCC	PHD (Cancer Biology)	10
UCC	PhD (Engineering)	10
UCC	PhD (Food Science and Technology)	10
UCC	PhD (Food Science and Technology) (P/T)	10
UCC	PhD (Medicine)	10
UCC	PhD (Medicine)	10
UCC	PhD (Medicine) (P/T)	10
UCC	PhD (Molecular Cell Biology)	10
UCC	PhD (Science) Biology	10
UCC	PhD (Science) Biochemistry	10
UCC	PhD (Science) Environmental Science	10
UCC	PhD (Science) Chemistry	10
UCC	PhD (Science) Earth Science	10
UCC	PhD (Science) Physics	10
UCC	PhD (Science) Biology (P/T)	10
UCC	PhD (Science) Environmental Science (P/T)	10
UCC	PhD (Science) Earth Science (P/T)	10
UCC	Pharmacy	8
UCC	Postgraduate Certificate in BioPharma Processing	9

UCC	Postgraduate Diploma in Analytical Chemistry	9
UCC	Postgraduate Diploma in Analytical Chemistry (P/T)	9
UCC	Postgraduate Diploma in Ecological Assessment	8
UCC	Postgraduate Diploma in Nutritional Sciences	9
UCC	Postgraduate Diploma in Pharmaceutical & Biopharmaceutical Engineering (P/T)	9
UCD	PhD (Bio)Pharm and Pharma Science	10
UCD	PhD Bio Nano Interactions (FT)	10
UCD	MSc Biochemistry	8
UCD	MSc Biochemistry and Molecular Biology	8
UCD	MSc Biological, Biomedical, Biomolecular Sciences	8
UCD	MSc Biological and Environmental Science (FT)	9
UCD	MSc Biological and Environmental Science (P/T)	9
UCD	PhD Biological and Environmental Science (FT)	10
UCD	PhD Biological and Environmental Science (P/T)	10
UCD	MSc Biomedical Health and Life Science	8
UCD	MSc Biomolecular and Biomed Science (FT)	9
UCD	PhD Biomolecular and Biomedical Science (FT)	10
UCD	MEngSc Biopharma Engineering (P/T)	9
UCD	MSc Biosystems and Food Engineering (FT)	9
UCD	PhD Biosystems and Food Engineering , (FT)	10
UCD	PhD Biosystems and Food Engineering PhD (P/T)	10
UCD	MEngSc Biosystems and Food Engineering (FT)	9
UCD	BSc Cell and Molecular Biology	8
UCD	BSc Chemical Engineering and Bioprocessing Engineering	8
UCD	PhD Chemical and Bioprocessing Engineering (FT)	10
UCD	PhD Chemical and Bioprocessing Engineering (P/T)	10
UCD	MEngSc Chemical and Bioprocessing Engineering (FT)	9
UCD	BSc Chemistry	8
UCD	MSc Chemistry (FT)	9
UCD	PhD Chemistry (FT)	10

UCD	BSc Chemistry and Chemical Sciences	8
UCD	BSc Chemistry with Biophysical Chemistry	8
UCD	BSC Chemistry with Environmental and Sustain Chemistry	8
UCD	PhD Comp Infection Biology (FT)	10
UCD	PhD Dublin Chemistry (FT)	10
UCD	BSc Environmental Biology	8
UCD	General Cert Environmental Sustainability (Negotiated Learning) (FT)	9
UCD	General Cert Environmental Sustainability (Negotiated Learning) (P/T)	9
UCD	GD Environmental Sustainability (Negotiated Learning) Jan(P/T)	9
UCD	GDip Environmental Sustainability (Negotiated Learning) (P/T)	9
UCD	BSc Genetics	8
UCD	ME Biosystems and Food Engineering (FT)	9
UCD	MEngSc Biopharma Engineering (FT)	9
UCD	MSc Biology and Biomolecular Science (Negotiated learning) (FT)	9
UCD	MSc Biotechnology and Business (FT)	9
UCD	MSc Biotechnology (FT)	9
UCD	MSc Biotherapeutics (FT)	9
UCD	MSc Biotherapeutic and Business (FT)	9
UCD	MSc Chemistry (Negotiated Learning) (FT)	9
UCD	MSc Evolutionary Biology (FT)	9
UCD	MSc Imaging and Microscopy (FT)	9
UCD	MSc Nano Biology Science (FT)	9
UCD	MSc Physics (Negotiated Learning) (FT)	9
UCD	MSc Physics (Negotiated Learning) (P/T)	9
UCD	MSc Plant Biology and Biotech (FT)	9
UCD	MSc Plant Biology and Biotech (P/T)	9
UCD	MSc Space Science and Tech (FT)	9
UCD	MSc Space Science and Tech (P/T)	9
UCD	MSc Toxicology and Regulatory Affairs (P/T)	9
UCD	BSc Science - Omnibus Stage 2 Medicinal Chemistry and Chemistry Biology	8

UCD	BSc Science - Omnibus Stage 2 Microbiology	8
UCD	Occasional Science (Grad) Biochemistry	7
UCD	Occasional Science (UG) Interdisciplinary	7
UCD	PC Environmental Management (P/T)	9
UCD	PC Toxicology (P/T)	9
UCD	PD Toxicology (P/T)	9
UCD	PhD Biotechnology (FT)	10
UCD	BSc Science - Omnibus Stage 2Pharmacology	8
UCD	BSc Science - Omnibus Stage 2Physics	8
UCD	PhD Physics (Them) (FT)	10
UCD	PhD Physics (Them) (P/T)	10
UCD	MSc Physics (FT)	9
UCD	MSc Physics (P/T)	9
UCD	PhD Physics (FT)	10
UCD	PhD Physics (P/T)	10
UCD	BSc Science - Omnibus Stage 2Physics w/ Astronomy and Space Science	8
UCD	BSc Science - Omnibus Stage 2Plant Biology	8
UCD	BSc Plant Biology Joint Major	8
UCD	SWB Science Aca Prg Full Year (UG) Interdisciplinary	7
UCD	BSc Science	8
UCD	BSc Science - Omnibus Stage 2	8
UCD	BSc Theoretical Physics	8
UL	BSc Applied Physics	8
UL	BSc Applied Physics	9
UL	BSc Biological Science	8
UL	BSc Biology with Physics or Chemistry or Agricultural	8
UL	BSc Biomedical Engineering	8
UL	MSc Chemical Engineering	9
UL	Chemical and Biochemical Engineering	8
UL	PhD (Environmental Science)	10

UL	PhD Interdisciplinary Science and Education	10
UL	PhD (Life Science)	10
UL	PhD (Physics)	10
UL	Environmental Science	8
UL	Industrial Biochemistry	8
UL	Master of Engineering (Environmental)	9
UL	Master of Science (Environmental)	9
UL	Master of Science (Life Science)	9
UL	Master of Science (Physics)	9
UL	Pharmaceutical and Industrial Chemistry	8
UL	Science Choice (Biological and related Science)	8
Waterford IT	Bachelor of Science(Common Entry)	7
Waterford IT	Bachelor of Science (Hons) in Applied Biology with Quality Management	8
Waterford IT	Bachelor of Science (Hons) in Applied Chemistry with Quality Management	8
Waterford IT	Bachelor of Science (Hons) in Pharmaceutical Science	8
Waterford IT	Bachelor of Science (Hons) in Physics for Modern Technology	8
Waterford IT	Bachelor of Science (Applied Biology)	7
Waterford IT	Bachelor of Science (Pharmaceutical Science)	7
Waterford IT	PhD (Biology)	10
Waterford IT	PhD (Chemical Engineering and Processing)	10
Waterford IT	Master of Science (Biological and Related Science)	9
Waterford IT	Master of Science (Chemical Engineering and Processing)	9
Waterford IT	Master of Science in Analytical Science with Quality Management	9

Further Education and Training Courses

Life Science Operations

Provider: Cork ETB

Awards: NFQ Level 5

Location: Carrigaline

Start Date 14/11/16 Duration: 50 weeks Participants 20 places

Cleanroom and Packaging Operations

Provider: Waterford and Wexford ETB

Award: NFQ Level 5

Location: Waterford Training Centre

Start Date: 12/09/16 Duration: 26 weeks

Cleanroom and Packaging(Life Sciences)

Provider: Tipperary ETB

Award: NFQ Level 5

Location: Clonmel

Start Date: 19/09/16 Duration: 36 weeks

Cleanroom and Packaging Operations

Provider: Galway and Roscommon ETB

Award: NFQ Level 5

Location: Galway Training Centre

Start Date: 26/09/16 Duration: 19 weeks

Applied Science/Laboratory Techniques

Award: NFQ Level 5

Provider: Limerick and Clare ETB

Location: Limerick College of Further Education

Start Date: 05/09/16 Duration: 33 weeks

Science & Laboratory Techniques

Award: NFQ Level 5

Provider: Cork ETB

Location: St Johns Central College

Start date: 12/09/16 Duration: 35 weeks

Applied Science/Laboratory Techniques

Award: NFQ Level 5

Provider: Cork ETB

Location: Colaiste Stiofain Naofa

Start Date: 29/08/16 Duration: 40 weeks

Science & Laboratory Techniques

Award: NFQ Level 5

Provider: Cavan and Monaghan ETB

Location: Monaghan Institute

Start Date: 29/08/16 Duration: 40 weeks

Applied Science/Laboratory Techniques

Award: NFQ Level 5
Provider: Waterford and Wexford ETB
Location: St Pauls Community College
Start Date: 12/09/16 Duration: 35 weeks

Applied Science/Laboratory Techniques

Award: NFQ Level 5
Provider: Kerry ETB
Location: Kerry College of Further Education
Start Date: 12/09/16 Duration 34 weeks

Applied Science-Pharmacy Studies

Award: NFQ Level 5
Provider: Cavan and Monaghan ETB
Location: Cavan Institute
Start Date: 29/08/16 Duration: 40 weeks

Applied Science-Forensics

Award : NFQ level 5
Provider: Cavan and Monaghan ETB
Location: Cavan Institute
Start Date: 29/08/16 Duration: 40 weeks

Science & Laboratory Techniques

Award: NFQ Level 5
Provider: Cavan and Monaghan ETB
Location: Cavan Institute
Start Date: 29/08/16 Duration: 40 weeks

Biomedical Science/Laboratory Studies

NFQ Level 5
Provider: Galway and Roscommon ETB
Location: Galway Community College
Start Date: 01/09/16 Duration: 40 weeks

Laboratory Techniques-Pharmacy studies

NFQ Level 5
Provider : Kerry ETB
Location: North Kerry College of Further Education
Start Date : 02/06/17 Duration: 40 weeks

Applied Science

Award: NFQ Level 5
Provider: Laois and Offaly ETB
Location: Tullamore Further Education College
Start Date: 12/09/16 Duration 37 weeks

Applied Science-Forensics

Award: NFQ Level 5
Provider: Kildare and Wicklow ETB
Location: Bray Institute of Further Education
Start Date: 12/09/16 Duration: 28 weeks

Springboard+ Programmes 2016

Certificate in Purchasing Strategy, Quality Management and Lean Six Sigma

Provider: Institute of Technology Carlow- Wexford Campus

Award: Certificate ECTS credits: 60

Delivery Method: Classroom – Evening

Mode: Part Time Start Date: 12/9/2016

Certificate in Purchasing Strategy, Quality Management and Lean Six Sigma

Provider: Institute of Technology Carlow- (Wicklow Campus)

Award: Certificate ECTS credits: 60

Delivery Method: Classroom - Evening

Mode: Part Time Start Date: 12/9/2016

Certificate in Process Technology

Provider: Institute of Technology, Sligo

Award: Certificate ECTS credits: 40

Delivery Method: Online Mode: Part Time Start Date: 12/9/2016

e-(Bio)PharmaChem

Provider: GetReSkilled

Award: CPD Certificate (Awarding Body: Dublin Institute of Technology) ECTS credits: 15

Delivery Method: Online, Mixed, Distance Mode: Part Time Start Date: 08/8/2016

MSc in Pharmaceutical Data Analytics

Provider: Innopharma Labs Ltd

Award: Level 9 MSc in Pharmaceutical Data Analytics ECTS credits : 90

Delivery Method: Mixed, Classroom - Daytime, Online, Distance

Mode: Part Time Start Date : 15/11/2016

MSc in Pharmaceutical Manufacturing and Process Technology

Provider: Innopharma Labs Ltd

Award: Level 9 Masters ECTS credits: 90

Delivery Method: Online, Mixed, Distance

Mode: Part Time Start Date: 8/9/2016

Diploma in Pharmaceutical and Medical Device Manufacturing (Waterford)

Provider: Innopharma Labs Ltd

Award: Level 8 Special Purpose Award QQI ECTS credits: 70

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 22/8/2016

Diploma in Pharmaceutical and Medical Device Manufacturing (Limerick)

Provider: Innopharma Labs Ltd

Award: Level 8 Special Purpose Award QQI ECTS credits: 70

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 23/8/2016

Diploma in Pharmaceutical and Medical Device Manufacturing (Cork)

Provider: Innopharma Labs Ltd
Award: Level 8 Special Purpose Award QQI ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 27/10/2016

Diploma in Pharmaceutical and Medical Device Manufacturing (Galway)

Provider: Innopharma Labs Ltd
Award: Level 8 Special Purpose Award QQI ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 19/10/2016

Diploma in Pharmaceutical and Medical Device Manufacturing (Dublin)

Provider: Innopharma Labs Ltd
Award: Level 8 Special Purpose Award QQI ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 26/9/2016

Certificate in Pharmaceutical and Medical Device Operations (Waterford)

Provider: Innopharma Labs Ltd
Award: Level 6 Special Purpose Award QQI, ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 21/10/2016

Certificate in Pharmaceutical and Medical Device Operations (Limerick)

Provider: Innopharma Labs Ltd
Award: Level 6 Special Purpose Award QQI ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 01/9/2016

Certificate in Pharmaceutical and Medical Device Operations (Cork)

Provider: Innopharma Labs Ltd
Award: Level 6 Special Purpose Award QQI ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 26/8/2016

Certificate in Pharmaceutical and Medical Device Operations (Galway)

Provider: Innopharma Labs Ltd
Award: Level 6 Special Purpose Award QQI, ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 20/10/2016

Certificate in Pharmaceutical and Medical Device Operations (Dublin)

Provider: Innopharma Labs Ltd
Award: Level 6 Special Purpose Award QQI ECTS credits: 70
Delivery Method: Classroom - Daytime
Mode: Part Time Start Date: 25/8/2016

e-Validation

Provider: GetReSkilled

Award: CPD Certificate (Awarding Body: Dublin Institute of Technology) ECTS credits: 15

Delivery Method: Online, Distance

Mode: Part Time Start Date: 07/2016

Graduate Certificate in Biopharmaceutical Engineering

Provider: University College Dublin

Award: Major Award from UCD ECTS credits: 30

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 01/2017

Graduate Certificate in Biopharmaceutical Engineering

Provider: University College Dublin

Award: Major Award from UCD ECTS credits: 30

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 09/2016

Quality for Medical Technologies (incorporating a Certificate in Quality (SPA) & Diploma in Professional Competence (SPA))

Provider: Irish Medical Devices Association

Award: Certificate in Quality Engineering Level 8, Diploma in Performance Competence Level 6.

ECTS credits: 50

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 18/9/2016

Sigma (Distance Education) (Specialist Diploma)

Provider: University of Limerick

Award: Minor Award from University of Limerick ECTS credits: 42

Delivery Method: Online, Mixed, Distance

Mode: Part Time Start Date: 03/9/2016

Certificate in Industrial Instrumentation and Automation

Provider: Institute of Technology, Tralee

Award: Certificate in Industrial Instrumentation & Automation ECTS credits: 35

Delivery Method: Online

Mode: Part Time Start Date: 9/9/2016

Certificate in Biopharmaceutical Processes

Provider: Institute of Technology, Tralee

Award: Certificate in Biopharmaceutical Processes ECTS credits: 25

Delivery Method: Classroom - Daytime, Classroom - Evening

Mode: Part Time Start Date: 23/1/2017

Lean Systems (Distance Education) (Specialist Diploma)

Provider: University of Limerick

Award: Minor Award ECTS credits: 42

Delivery Method: Online, Mixed, Distance

Mode: Part Time Start Date: 03/9/2016

Certificate in Biopharma Processing

Provider: NIBRT

Award: Special Purpose Award ECTS credits: 40;

Delivery Method: Online, Distance

Mode: Part Time Start Date: 09/2016

Certificate in QC Testing for Biopharma

Provider: NIBRT

Award: Special Purpose Award ECTS credits: 20

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 10/2016

Certificate in Science in Biopharmaceutical Operations

Provider: NIBRT

Award: Special Purpose Award from Institute of Technology, Tallaght ECTS credits: 45

Delivery Method: Classroom – Daytime Start Date: 08/2016

Certificate in Cleanroom Manufacturing

Provider: NIBRT

Award: Special Purpose Award ECTS credits: 40

Delivery Method: Online, Distance

Mode: Part Time Start Date: 09/2016

Diploma in Biopharmaceutical Manufacturing Operations

Provider: Cork Institute of Technology

Award: Special Purpose Award ECTS credits: 60

Delivery Method: Classroom - Daytime, Classroom - Evening

Mode: Part Time Start Date: 09/2016

Certificate in Biopharmaceutical Science

Provider: Limerick Institute of Technology

Award: Certificate in Biopharmaceutical Science (Special Purpose Award, Level 8, 30 Credits).

Delivery Method: Mixed

Mode: Part Time Start Date: 01/2017

BSc (Hons) in Process & Engineering Management

Provider: Limerick Institute of Technology

Award: Bachelor of Science in Process & Engineering Management (Level 8, 60 Credits)

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 09/2016

MSc in Innovative Technology Engineering

Provider: Waterford Institute of Technology

Award: MSc in Innovative Technology Engineering ECTS credits: 90

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 08/9/2016

Master of Science in Pharmaceutical Regulatory Affairs

Provider: Institute of Technology Carlow

Award: Master of Science in Pharmaceutical Regulatory Affairs ECTS credits: 90

Delivery Method: Classroom - Daytime, Classroom - Evening

Mode: Part Time Start Date: 12/9/2016

Mechatronics (Specialist Diploma)

Provider: University of Limerick

Award: Minor Award ECTS credits: 36

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 5/9/2016

Production and Inventory Management (Certificate in SCM)

Provider: University of Limerick

Award: Special Purpose ECTS credits: 54

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 05/9/2016

Supply Chain Management (Online) (Specialist Diploma)

Provider: University of Limerick

Award: Minor Award from University of Limerick ECTS credits: 42

Delivery Method: Online

Mode: Part Time Start Date: 05/9/2016

Certificate in Validation Technologies

Provider: Institute of Technology, Sligo

Award: Certificate ECTS credits: 40

Delivery Method: Online

Mode: Part Time Start Date: 12/9/2016

Certificate in Biopharmaceutical Processing

Provider: Institute of Technology, Sligo

Award: Certificate ECTS credits: 40

Delivery Method: Online

Mode: Part Time Start Date: 12/9/2016

Certificate in Science in Bioprocessing Technologies

Provider: Institute of Technology, Sligo

Award: Certificate ECTS credits: 40

Delivery Method: Online

Mode: Part Time Start Date: 12/9/2016

Master of Engineering (ME) in Mechanical Engineering

Provider: Dublin Institute of Technology

Award: Master of Engineering (ME) in Mechanical Engineering ECTS credits: 90

Delivery Method: Classroom - Evening

Mode: Part Time Start Date: 12/9/2016

Certificate in Lean Sigma Quality (Six Sigma Green Belt)

Provider: Institute of Technology, Sligo

Award: Certificate ECTS credits: 25

Delivery Method: Online

Mode: Part Time Start Date: 12/9/2016

Certificate in Purchasing Strategy, Quality Management and Lean Six Sigma

Provider: Institute of Technology Carlow

Award: Certificate ECTS credits: 60

Delivery Method: Classroom - Evening

Mode: Part Time Start Date: 12/9/2016

Bachelor of Engineering in Industrial Engineering

Provider: Griffith College

Award: Bachelor Degree (Ordinary) ECTS credits: 60

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 05/9/2016

CPD in Process Analytical Technologies for Biopharma and Pharmaceutical Industries

Provider: Dublin Institute of Technology

Award: CPD Diploma ECTS credits: 30

Delivery Method: Classroom - Daytime

Mode: Part Time Start Date: 01/9/2016

NIBRT Training
NIBRT training programmes are designed in partnership with industry to deliver flexible, competency based learning that can be customised to an enterprise needs. Trainees have access to a fully operational manufacturing plant; in a simulated good manufacturing practice environment .
Masters Programmes
MSc In Biopharmaceutical Science Award Level : NFQ Level 9 Accrediting Body: IT Sligo Duration: A part-time programme delivered by online learning which can be completed in 2-3 years.
MSc in Bioprocess Engineering Award Level: NFQ Level 9 Accrediting Body: Dublin City University Duration: The full-time programme is offered on a one-year basis or up to 4 years part-time
M.Eng.Sc in Biopharmaceutical Engineering Award Level: NFQ Level 9 Accrediting Body: University College Dublin Duration: The full-time programme is offered on a one-year basis or over 2 to 3 years part-time.
Major Award Programmes
BSc (Honours) in Biopharmaceutical Science Award Level: NFQ Level 8 Accrediting Body: IT Sligo Duration: 2 years part-time
BSc (Ordinary) in Biopharmaceutical Science Award Level: NFQ Level 7 Accrediting Body: IT Sligo Duration: 2 years part-time
Certificate Programmes
Certificate in Science in Biopharmaceutical Science Award Level: NFQ Level 9 ECTS credits: 30 Accrediting Body: IT Sligo
Certificate in Science in Biopharmaceutical Processing Award Level: NFQ Level 8 ECTS credits: 70 Accrediting Body: IT Sligo
Certificate in Science in Biopharmaceutical Technologies Award Level: NFQ Level 8 ECTS credits: 30 Accrediting Body: IT Sligo
Certificate in Science in Biopharmaceutical Processing Award Level: NFQ Level 7 ECTS credits:30 Accrediting Body: IT Sligo
Certificate in Science in Bioprocess Engineering Award Level: NFQ Level 7 ECTS credits:30 Accrediting Body: IT Sligo
Certificate in Science in Biopharmaceutical Processing Award Level: NFQ Level 6 ECTS credits:30 Accrediting Body: IT Sligo
Certificate in Science in Cleanroom Manufacturing Award Level: NFQ Level 6 ECTS credits: 30 Accrediting Body: IT Sligo
Open Courses
Introduction to Bioprocessing for Engineers
Pharmaceutical Quality Management systems Auditor/Lead auditor Training Course
Fill finish Operations
Small to Large Molecule Analytical Convertor Course
Upstream Processing Operations
Downstream Processing Operations

Glossary of Terms Used

Institutions

GMIT	Galway Mayo Institute of Technology
NUIG	National University Ireland Galway
NUI Maynooth	National University Ireland Maynooth
DCU	Dublin City University
DIT	Dublin Institute of Technology
TCD	Trinity College Dublin
UCC	University College Cork
UCD	University College Dublin
UL	University Of Limerick

Other Terms

BSc	Bachelor of Science
ECTS	European Credits Transfer and Accumulation System
ETB	Education and Training Board
FT	Full time
Hons	Honours
IT	Institute of Technology
MSc	Master of Science
NFQ	National Framework Qualifications
Ord	Ordinary
P/T	Part Time
QQI	Quality and Qualifications Ireland