

YOU THINK YOU MIGHT WANT TO STUDY:

BIOSCIENCE

BIOANALYTICAL
SCIENCE

ANALYTICAL AND
FORENSIC SCIENCE

FOOD SCIENCE
& NUTRITION

VETERINARY
NURSING

PHARMACY
TECHNICIAN

COURSE LISTING

Bachelor of Science in Bioscience

**Bachelor of Science Honours in
Bioanalytical Science**

**Bachelor of Science in Analytical
and Forensic Science**

**Bachelor of Science in Honours in
Analytical and Forensic Science**

**Bachelor of Science in Food
Science and Nutrition**

**Bachelor of Science Honours in
Food Science and Nutrition**

**Bachelor of Science
in Veterinary Nursing**

**Higher Certificate in Science
(Pharmacy Technician)**

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This exciting area explores all aspects of how living things share this planet and interact with each other. This ranges from investigating DNA fibres to exploring food, plants, animals and the environment. Due to the national shortage of science graduates, there are excellent career opportunities in this area – with salaries to match.

COURSE TITLE

**BACHELOR OF SCIENCE IN
BIOSCIENCE**

NATIONAL FRAMEWORK LEVEL

7

CAO CODE

LY817

DURATION

3 years

NUMBER OF PLACES

26

AWARDING BODY

LYIT

POINTS IN RECENT YEARS

YEAR	FINAL	MEDIAN
2008/09	110	285
2009/10	AQA	285
2010/11	220	340

Is this the course for you?

Are you curious about how all living things share this planet? How do our bodies work and what do we need to survive? How do different plants and species live with each other? And what effect does all this have on our environment? Just think about what some of these questions can lead to – improving the diagnosis and treatment of diseases; developing new drugs; providing the best care for different animals and habitats; and protecting the environment from pollution.

If you are interested in exploring these areas of life, then this degree can give you the knowledge and practical laboratory skills you need to transform your interest into a fascinating and rewarding career.

Minimum entry requirements

Pass (OD3 or better) in 5 Leaving Certificate subjects, including passes in Mathematics and in either Irish or English (or an equivalent qualification). The minimum points for entry is 140 points.

Career opportunities

This exciting and growing area plays a vital role in medicine, pharmacy, agriculture, the food industry and environmental analysis. Graduates have a great choice of careers at home and abroad with high demand resulting in high salaries.

- Analytical scientists – working for biopharmaceutical companies in teams with other scientists
- Research assistants – investigating theories, materials and processes in universities, the Health Service Executive and pharmaceutical companies
- Product development officers – using new research to develop new products for pharmaceutical companies.
- Quality assurance and quality control analysts – testing and monitoring products
- Customer service / medical sales representatives – using your specialist knowledge to assist existing customers or sell end-products to hospitals, clinics, pharmacies etc.
- Environmental scientists – working in County Councils, private companies or the Environmental Protection Agency.

Larger employers include: Allergen, Wyeth BioPharma, Abbott Ireland, Schering Plough, Genzyme Megazyme, Merck Sharpe and Dohme, Takeda and Pfizer. Visit www.science.ie, www.aibs.org and www.biotechnologyireland.com for more career ideas.

Follow-on courses

- B.Sc. Honours in Bioanalytical Science at LYIT which has been formally approved by the Teachers Council of Ireland
- Honours degrees at other colleges or universities.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Cell Biology	M	5	5
	Chemistry 1	M	5	5
	Physics 1	M	4	5
	Learning & Communication Skills for Scientists	M	3	5
	Laboratory Safety & Health	M	3	5
	Mathematical Skills for Science 1	M	4	5
1 2	Animal & Plant Biology	M	5	5
	Chemistry 2: Fuels, Organic Chemistry & Biochemistry	M	5	5
	Information Technology for Science 1	M	3	5
	Exploring Science	M	3	5
	Calculus Skills for Science	M	4	5
	Physics 2	M	5	5
2 3	Biochemistry	M	4	5
	Information Technology for Science 2	M	2	5
	Ecosystems	M	5	5
	Instrumental Analysis 1: Spectrometry & Electroanalysis	M	5	5
	Mathematical Methods For Science 1	M	3	5
	Microbiology 1	M	4	5
2 4	Nucleic Acids	M	3	5
	Water Analysis	M	4	5
	Anatomy & Physiology	M	3	5
	Instrumental Analysis 2: Chromatography	M	5	5
	Mathematical Methods for Science 2	M	3	5
	Microbiology 2	M	4	5
3 5	Mammalian Cell & Tissue Culture	M	4	5
	Protein Chemistry	M	4	5
	Chromatographic & Electrophoretic Techniques	M	4	5
	Research Skills	M	2	5
	Spectrometric Methods	M	5	5
	Statistics	M	3	5
3 6	DNA Technology	M	4	5
	Environmental Analysis	M	4	5
	Immunoassays	M	4	5
	Industrial & Clean Room Microbiology	M	4	5
	Scientific Literature Project	M	2	5
	Quality Assurance	M	3	5



COURSE TITLE

**BACHELOR OF SCIENCE HONOURS
IN BIOANALYTICAL SCIENCE**

NATIONAL FRAMEWORK LEVEL

8

LYIT INTERNAL CODE

LY_SBIOA_B

DURATION

1 year

NUMBER OF PLACES

16

AWARDING BODY

LYIT

Is this the course for you?

This course gives graduates of the B.Sc. in Bioscience a chance to explore specialist areas in more depth. As one of these graduates, you will have a passion and enthusiasm for the living world around us. You are eager to expand your knowledge and enhance your practical skills and techniques learned in the last three years – skills that will make you even more highly sought after by industry. If you enjoyed learning about how living organisms function and interact in our world, and you wish to carve out an expertise, then this course is for you.

Minimum entry requirements

Level 7 B.Sc. in Bioscience or equivalent qualifications.

Career opportunities

The deeper knowledge and stronger practical laboratory skills gained from this degree will give you a distinct advantage in the job market over graduates from Level 7 courses. You will be ready to take on positions with greater responsibility or specialist knowledge. In addition to the careers listed for Level 7 graduates, there is strong demand for:

- Bioanalysts in molecular biology, microbiology, immunology and pharmaceuticals working in research departments of companies and state organisations
- Innovation and product development officers with biotechnology, pharmaceutical, food or health care companies
- Secondary school science teacher – this degree is formally approved by the Teacher's Council, so as a graduate, you can proceed directly to do your H.Dip.

Larger employers include:

Allergen, Wyeth BioPharma, Abbott Ireland, Schering Plough, Genzyme Megazyme, Merck Sharpe and Dohme, Takeda and Pfizer. Visit www.science.ie, www.aibs.org and www.biotechnologyireland.com for more career ideas.

Follow-on courses

- Postgraduate study by research at LYIT
- Masters degrees in other colleges or universities.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Applied Practical Analysis	M	4	5
	Analytical Science	M	5	5
	Research Project Design	M	2	5
	Regulation of the Pharmaceutical & Food Industries	M	3	5
	Toxicology	M	3	5
	Data Analysis	M	3	5
1 2	Molecular Diagnostics	M	3	5
	Bioanalytical Techniques	M	5	5
	Research Project	M	2	10
	Industrial Processes & the Biopharmaceutical Industry	M	3	5
	Advanced Immunology	M	3	5



COURSE TITLE

**BACHELOR OF SCIENCE IN
ANALYTICAL AND FORENSIC
SCIENCE**

NATIONAL FRAMEWORK LEVEL

7

CAO CODE

LY827

DURATION

3 years

NUMBER OF PLACES

26

AWARDING BODY

LYIT

POINTS IN RECENT YEARS

YEAR	FINAL	MEDIAN
2008/09	AQA	330
2009/10	AQA	275
2010/11	200	305

Is this the course for you?

This course brings science to life – it helps us to use materials to tell a story. This science may identify a material causing environmental pollution, it can show how pure a drug is, it can even provide forensic evidence used in criminal court cases. Modern forensic investigations need analytical scientists to help tell the story of what happened, what caused an event or what will happen if certain steps are taken. If you want to learn about how such facts are discovered, how samples are collected, analysed and guarded and how the legal framework is involved, then this course is for you.

Minimum entry requirements

Pass (OD3 or better) in 5 Leaving Certificate subjects, including passes in Mathematics and in either Irish or English (or an equivalent qualification). The minimum points for entry is 140 points.

Career opportunities

There is a strong demand for science graduates with skills in scientific analysis, especially for those with the level of practical experience gained at LYIT. There are many different roles:

- Environmental, medical, chemical, pharmaceutical and health care industries – working in analysis, quality assurance, research and innovation/product development.
- Industrial and governmental laboratories – identifying materials causing environmental pollution; purifying drugs; acquiring forensic evidence for criminal court cases. This work can range from fibre analysis to using DNA technology and may also include serving as an expert witness in court cases.
- Environmental scientists – working for County Councils, private industry or the Environmental Protection Agency.

Larger employers include:

Loctite, Allergen, Abbott Ireland, Schering Plough, Merck Sharpe and Dohme, Takeda and Pfizer.

Please visit www.forensicscience.ie and www.forensic-science-society.org.uk for more career ideas.

Follow-on courses:

- B.Sc Honours in Analytical and Forensic Science.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Cell Biology	M	5	5
	Chemistry 1	M	5	5
	Physics 1	M	4	5
	Learning & Communication Skills for Scientists	M	3	5
	Laboratory Safety & Health	M	3	5
	Mathematical Skills for Science 1	M	4	5
	Animal & Plant Biology	M	5	5
1 2	Chemistry 2: Fuels, Organic Chemistry & Biochemistry	M	5	5
	Physics 2	M	5	5
	Calculus Skills for Science	M	4	5
	Exploring Science	M	3	5
	Information Technology for Science 1	M	3	5

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
2 3	Biochemistry	M	4	5
	Microbiology 1	M	4	5
	Organic Chemistry 1	M	4	5
	Information Technology for Science 2	M	2	5
	Instrumental Analysis 1: Spectrometry & Electroanalysis	M	5	5
	Mathematical Methods for Science 1	M	3	5
2 4	Nucleic Acids	M	3	5
	Physical & Inorganic Chemistry	M	5	5
	Mathematical Methods for Science 2	M	3	5
	Forensic Analysis of Surfaces	M	4	5
	Instrumental Analysis 2: Chromatography	M	5	5
	Organic Chemistry 2	M	4	5
3 5	Chromatographic & Electrophoretic Techniques	M	4	5
	Spectrometric Methods	M	5	5
	Pharmacology	M	3	5
	Research Skills	M	2	5
	Statistics	M	3	5
	Forensic Fibre Analysis	M	4	5
3 6	DNA Technology	M	4	5
	Quality Assurance	M	3	5
	Scientific Literature Project	M	2	5
	The Irish Legal System & the Criminal Process	M	3	5
	Forensic Statistics	M	3	5
	Forensic Analysis	M	4	5



COURSE TITLE

**BACHELOR OF SCIENCE HONOURS
IN ANALYTICAL AND FORENSIC
SCIENCE**

NATIONAL FRAMEWORK LEVEL

8

LYIT INTERNAL CODE

LY_SANSF_B

DURATION

1 year

NUMBER OF PLACES

16

AWARDING BODY

LYIT

Is this the course for you?

If you enjoyed studying the B.Sc. in Analytical and Forensic Science and want to gain a more in-depth understanding of this area, then the natural next step is to complete this one-year add-on course. It will give you more knowledge of core areas of forensics, the chemical and pharmaceutical industries, forensic toxicology and medicinal chemistry. You will also have stronger practical experience working in the laboratories and research using the latest techniques and technology.

Minimum entry requirements

Level 7 B.Sc. in Analytical and Forensic Science or equivalent qualification.

Career opportunities

There is a shortage of graduates with strong analytical science skills so career opportunities for positions with increased responsibilities are excellent. The deeper knowledge and stronger practical laboratory skills gained from this degree will mean you are ready for more senior roles than Level 7 graduates in areas such as:

- Environmental, medical, chemical, pharmaceutical and health care industries – working in analysis, quality assurance, research and innovation/product development
- Industrial and governmental laboratories – identifying materials causing environmental pollution; purifying drugs; acquiring forensic evidence for criminal court cases. This work can range from fibre analysis to using DNA technology and may also include serving as an expert witness in court cases
- Environmental scientists – working for County Councils, private industry or the Environmental Protection Agency.

Larger employers include

Loctite, Allergen, Wyeth, Genzyme Megazyme, Abbott Ireland, Schering Plough, Merck Sharpe and Dohme, Takeda and Pfizer. Please visit www.forensicscience.ie and www.forensic-science-society.org.uk for more career ideas.

Follow-on courses

- Postgraduate studies by research at LYIT
- Masters level studies at other colleges or universities.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Applied Practical Analysis	M	4	5
	Analytical Science	M	5	5
	Research Project Design	M	2	5
	Toxicology	M	3	5
	Data Analysis	M	3	5
	Medicinal Chemistry	M	3	5
1 2	Photochemistry & Forensic Analysis	M	3	5
	Forensic Toxicology	M	3	5
	Research Project	M	2	10
	Novel Materials	M	3	5
	Forensic Science & the Laws of Evidence	M	3	5



COURSE TITLE

BACHELOR OF SCIENCE IN FOOD SCIENCE AND NUTRITION

NATIONAL FRAMEWORK LEVEL

7

CAO CODE

LY837

DURATION

3 years

NUMBER OF PLACES

26

AWARDING BODY

LYIT

POINTS IN RECENT YEARS

YEAR	FINAL	MEDIAN
2008/09	100	315
2009/10	115	325
2010/11	200	325

Is this the course for you?

Food science and nutrition is something we all take part in everyday – it's about what we eat, how our diets affect our bodies, the relationship between diet and disease, how changing consumer lifestyles impact on our health and how the food industry operates. This course is for you if you want to gain a sound knowledge of science generally and food and nutrition in particular. It includes a short placement in industry.

Minimum entry requirements

Pass (OD3 or better) in 5 Leaving Certificate subjects, including passes in Mathematics and in either Irish or English (or an equivalent qualification). The minimum points for entry is 140 points.

Career opportunities

As our largest home-grown industry, the Food sector has a strong and growing demand for skilled Food Science and Nutrition graduates to work in areas such as:

- Product development – enhancing products and creating new products, working with other departments in food companies such as marketing
- Quality control – testing raw materials and finished products

- Food company production management – overseeing all stages of product manufacture
- Retail – improving the technical aspects of store products and acting as in-house food hygiene inspectors
- Health promotion – working for central or local government to promote healthy diets, food safety and industry regulation
- Laboratory research in companies, universities or government laboratories – analysing the properties of food or studying nutrition in health and disease.

Follow-on courses

- B.Sc. Honours in Food Science and Nutrition at LYIT
- Honours level courses at other colleges and universities.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Cell Biology	M	5	5
	Chemistry 1	M	5	5
	Physics 1	M	4	5
	Learning & Communication Skills for Scientists	M	3	5
	Laboratory Safety & Health	M	3	5
	Mathematical Skills for Science 1	M	4	5
	1 2	Animal & Plant Biology	M	5
Chemistry 2: Fuels, Organic Chemistry & Biochemistry		M	5	5
Physics 2		M	5	5
Calculus Skills for Science		M	4	5
Exploring Science		M	3	5
Information Technology for Science 1		M	3	5
2 3		Biochemistry	M	4
	Microbiology 1	M	4	5
	Food Technology 1: Unit Operations & Plant Hygiene	M	4	5
	Information Technology for Science 2	M	2	5
	Instrumental Analysis 1: Spectrometry & Electroanalysis	M	5	5
	Food Chemistry & Nutrition 1	M	4	5
2 4	Food Technology 2: Heat Preservation Operations	M	4	5
	Food Microbiology 1	M	4	5
	Food Chemistry & Nutrition 2	M	4	5
	Anatomy & Physiology	M	3	5
	Instrumental Analysis 2: Chromotography	M	5	5
	Nucleic Acids	M	3	5

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
3 5	Food Technology 3: Milk & Meat Technology	M	4	5
	Food Microbiology 2	M	4	5
	Advanced Food Chemistry	M	4	5
	Industrial Placement	M	1	5
	Research Skills	M	2	5
	Statistics	M	3	5
3 6	Food Technology 4: Plant Food Technology	M	4	5
	Quality Assurance	M	3	5
	Food Microbiology 3	M	4	5
	Scientific Literature Project	M	2	5
	Health Promotion	M	3	5
	Human Nutrition	M	3	5



COURSE TITLE

**BACHELOR OF SCIENCE HONOURS
IN FOOD SCIENCE AND NUTRITION**

NATIONAL FRAMEWORK LEVEL

8

LYIT INTERNAL CODE

LY_SFODN_B

DURATION

1 year

NUMBER OF PLACES

16

AWARDING BODY

LYIT

Is this the course for you?

If you studied the Level 7 B.Sc. in Food Science and Nutrition and feel you'd like to deepen your knowledge and experience of this area, then this one year add-on course is what you're looking for. You'll be able to explore aspects of this vital industry in more depth, enhance your practical skills through an extensive research project and look at broader issues such as industry regulation and management structures. This great mix of theory and practice gives you the strong set of skills and knowledge increasingly required by employers.

Minimum entry requirements

Level 7 B.Sc. in Food Science and Nutrition or equivalent qualification.

Career opportunities

Advances in nutritional knowledge and food technology make this an exciting and constantly evolving area to work in, and one in which there is a consistent demand for well qualified graduates at home and abroad. In addition to careers listed under the Level 7 B.Sc. in Food Science and Nutrition, there is demand for graduates in positions of greater responsibility in the food industry and in government departments or agencies. Positions range from microbiologists and laboratory analysts to business unit managers in food production, quality assurance technicians and positions in product development and food safety.

Follow-on courses

- Postgraduate studies by research at LYIT
- Masters courses in other colleges and universities

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Food Technology	M	4	5
	Food Fermentation	M	4	5
	Research Project Design	M	2	5
	Regulation of the Pharmaceutical & Food Industries	M	3	5
	Management Structures	M	3	5
	Advanced Human Nutrition	M	3	5
1 2	Food Product Development	M	4	5
	Microbiological Food Safety	M	4	5
	Research Project	M	2	10
	Nutrition in Health & Disease	M	3	5
	Sports Nutrition	M	3	5



COURSE TITLE

**BACHELOR OF SCIENCE IN
VETERINARY NURSING**

NATIONAL FRAMEWORK LEVEL

7

CAO CODE

LY847

DURATION

3 years

NUMBER OF PLACES

20 of which

2 is reserved for FETAC applicants

1 is reserved for Mature applicants

1 is reserved for Foundation Course

AWARDING BODY

LYIT

POINTS IN RECENT YEARS

YEAR	FINAL	MEDIAN
2008/09	185	345
2009/10	330	370
2010/11	350	380

Is this the course for you?

This course is designed for people who are eager to care for animals. You will work closely with the veterinary surgeon in helping to diagnose and treat medical and surgical cases. In addition to learning different aspects of science, clinical and surgical nursing, animal husbandry, ethics and laboratory management, you will also learn about veterinary practice management and communication skills.

The strong skills and knowledge you will receive from this practical course will leave you well placed for an enjoyable and challenging career.

Minimum entry requirements

Pass (OD3 or better) in 5 Leaving Certificate subjects, including passes in Mathematics and in either Irish or English (or an equivalent qualification). For the BSc in Veterinary Nursing, one of the five Leaving Certificate subjects must also include a laboratory based science subject.

- Applicants from Northern Ireland must have a minimum of 1 GCE A level at grade E or better and 4 other passes at GCSE 'O' level grade C or better to include Maths, English and a science based subject.
or
- Have obtained a full FETAC Level 5 Certificate in Animal Care (CASAC), including a distinction in C20006 Biology and two further distinctions in the following modules, C20152 Animal Welfare, C20153 Animal Anatomy & Physiology or G20001 Communications.



Career opportunities

As a veterinary nurse you will have a rewarding and varied career helping to take care of all kinds of animals in rural and urban areas. You may work in zoos, private practices, animal welfare organisations or pharmaceutical suppliers to the veterinary industry.

Work in veterinary surgeries will include giving diagnoses, preparing equipment and animals for surgery and treatments, assisting with operations and caring for hospitalised patients. If working in a small practice you will also take care of clerical and receptionist duties such as filing, keeping records and making appointments. Visit www.ivna.ie for more career ideas.

Work Placement: Please note that with respect to the placement, while the institute will make every effort to assist the learner in finding a placement final responsibility for securing the placement resides with the learner.

Accreditation: This course received full accreditation from the Veterinary Council of Ireland in July 2011.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Introduction to Nursing	M	10	5
	Communications & Study Skills	M	8	5
	Laboratory Science & Calculations	M	6	5
	Animal Husbandry 1 & Welfare	M	6	5
	Placement Preparation	M	1	–
	Placement 1	M	6 weeks	10
1 2	Biological & Bioveterinary Science	M	8	7.5
	Veterinary Nursing 1	M	8	7.5
	Surgical Nursing 1	M	4	5
	Placement Preparation	M	1	–
	Placement 2	M	6 weeks	10
2 3	Communication & Client Consultation Skills	M	8	5
	Veterinary Nursing 2	M	12	10
	Animal Husbandry 2 & Nutrition	M	6	5
	Basic Veterinary Practice Management	M	6	5
	Placement Preparation	M	1	–
	Placement 3	M	6 weeks	5
2 4	Veterinary Nursing 3	M	8	15
	Placement Preparation	M	1	–
	Placement 4	M	6 weeks	15
3 5	Veterinary Nursing 4	M	7	10
	Surgical Nursing 2	M	4	5
	Placement Preparation	M	1	–
	Placement 5	M	6 weeks	15
3 6	Animal Husbandry 3	M	4	2.5
	Veterinary Nursing 5	M	4	5
	Research Project	M	3	2.5
	Professional & Ethical Studies	M	4	5
	Behaviour & Behavioural Therapy	M	4	5
	Pharmacy Laboratory & Stock Management	M	2	2.5
	Advanced Veterinary Practice Management	M	4	2.5
	Placement 6	M	6 weeks	5

COURSE TITLE

**HIGHER CERTIFICATE IN SCIENCE
(PHARMACY TECHNICIAN)**

NATIONAL FRAMEWORK LEVEL

6

CAO CODE

LY806

DURATION

2 YEARS

NUMBER OF PLACES

20 of which

- 1 is reserved for FETAC applicants
- 2 is reserved for Mature Applicants
- 1 is reserved for Foundation/Access

AWARDING BODY

LYIT

POINTS IN RECENT YEARS

YEAR	FINAL	MEDIAN
2010/11	105	270

Is this the course for you?

This course is a two-year course leading to the qualification of Higher Certificate in Science (Pharmacy Technician).

This programme will be delivered over four semesters allowing learners to gain their qualification in two ears. The main aim of the programme is to produce graduates with the required theoretical and hands-on skills to allow them to work in a pharmacy setting and to contribute effectively to the pharmacy.

The programme involves a placement element consisting of a two day placement in each week of each semester in a pharmacy setting. It is intended that students will be placed in both community and hospital pharmacies.

Minimum entry requirements

Application to the course will be via normal CAO application Processes.

Applicants under the age of 23 must have obtained at least five passes in the Leaving Certificate including the following subjects:

- English or Irish at oD3 or higher (not Foundation Level Irish).
- Maths at oD3 or higher, or Higher Level at grade E or higher or B2 or higher in Foundation Maths.
- At least 3 other subjects at oD3 or higher of which one must be a laboratory based science subject.

Applicants are welcome from persons who are over 23 years of age (by 1 January in the year of entry) who do not hold a Leaving Certificate and these will be treated as having applied on the basis of Maturity as well as any other qualification that they may possess.

Garda Vetting: Everyone who joins this course will have to be vetted by the Gardaí (police). If the Gardaí raise an issue it will have to be addressed satisfactorily. If it is not, you will not be able to go on placement or fulfil your course requirements, in which case you may be asked to leave the course. Please note that all courses requiring Garda vetting will only have places for non-EU candidates if there are not enough qualified EU candidates available to fill the course.

Work Placement: Please note that with respect to the placement, while the institute will make every effort to assist the learner in finding a placement final responsibility for securing the placement resides with the learner.

Career opportunities

Currently, and for the foreseeable future, employment prospects for pharmacy technicians are good as graduates will find employment in both community-based pharmacies and the public and private hospital sectors. They can also expect to find employment in the pharmaceutical industry.

Follow-on courses

At present pharmacy technicians with a level 6 qualification may apply for positions within the HSE as pharmacy technicians. The course may open opportunities for graduates to apply to MPharm courses in the UK via UCAS.

What will I study?

Year/ Semester	Proposed Modules	Mandatory /Elective	Class hours per week	No. of credits
1 1	Chemistry	M	4	5
	Biological Science	M	4	5
	Introduction to Pharmacology	M	3	5
	Pharmacy Practice 1	M	3	5
	Placement 1	M	2 days per week	10
1 2	Organic and Applied Chemistry	M	4	5
	Information Technology	M	3	5
	Pharmacology & Therapeutics	M	3	5
	Applied Physiology 1	M	3	5
	Placement 2	M	2 days per week	10
2 3	Drug Action and Usage 1	M	3	5
	Pharmacy Practice 2	M	3	5
	Pharmaceutical Chemistry	M	4	5
	Applied Physiology 2	M	3	5
	Placement 3	M	2 days per week	10
2 4	Drugs Action & Usage 2	M	3	5
	Pharmacy Business Management	M	3	5
	Formulation & Compounding	M	3	5
	Pharmacy Practice 3	M	3	5
	Placement 4	M	2 days per week	10

