



Springboard Programme



**FREE FEES FOR ELIGIBLE APPLICANTS
(INCLUDING FULLTIME EMPLOYEES)
PART-TIME EVENING PROGRAMME**



**POSTGRADUATE
ONLINE / ON-CAMPUS
NFQ - LEVEL 9 (30 ECTS)**

For eligibility criteria and more information, please visit: WWW.SPRINGBOARDCOURSES.IE

Information and Network Security (Specialist Diploma)

Specialist Diploma (postgraduate level 9) in Information and Network Security (one year part-time)

The Specialist Diploma in Information and Network Security course is a one year part-time postgraduate programme (two semesters) and is designed for ICT professionals who wish to upskill to meet an emerging skills gap in the Information and Network Security area.

It is a part-time intensive course, suitable for those working fulltime, that will meet industry needs for skilled technology professionals who can plan, analyse and implement network and security measures.

Programme Objectives:

The Programme objectives are to equip the student with essential knowledge and skills required to operate and design secure computer network and information systems; to have an understanding of techniques for providing security services and for the application of data forensics techniques.

Who will benefit :

Technology professionals seeking to upskill part-time in contemporary and emerging best practices in the operation and design of secure computer network and information systems.

Programme Structure:

The programme comprises of 4 taught modules and an Industry-based project.

AUTUMN SEMESTER 2018

Cryptography & Security Fundamentals
Network & Host Security

SPRING SEMESTER 2019

Communication & Security Protocols
Data Forensics
Industry-based Project

Start Date: 11/09/2018

Finish Date: 14/05/2019

Blended-Learning Delivery:

The programme will be delivered via weekly on-campus evening tutorials throughout each semester extensively supported by use of the University SULIS online Learning Management System.

Estimated time requirement: 8-10 hours/week per module (including 1 on-campus evening per week).

Module Details :

Cryptography & security fundamentals: including security threats and vulnerabilities as well as security services for modern e-commerce and mobile applications;

Network & host security: techniques and skills for the reliable operation and protection of networks and hosts against attack;

Communication & cryptographic security protocols: their application, design and evaluation of their reliability;

Data forensics techniques: their application for data collection, data preservation, investigation of potentially compromised systems and collection of evidence in compromised systems;

Entry Requirements:

Level 8 honours primary degree, at minimum second class honours, in a relevant engineering/computing/mathematics or technology discipline.

It's expected that applicants will have experience in and a working knowledge of a programming language and of computer networking (TCP/IP);

Applicants who do not meet the academic entry requirements but who have significant relevant experience in the technology sector (minimum 5 years) and are encouraged to apply under the University Recognition of Prior Learning (RPL) policy.

Applicants must also satisfy the English Language Requirements of the University.

Fees:

The programme is free to all eligible students under the Springboard+ 2018 criteria, including those in fulltime employment. See springboardcourse.ie website for eligibility details.

Academic Contact: Email: Reiner.Dojen@ul.ie

Entry, administrative and admissions queries:

Email: cpe@ul.ie

Application Closing Date: August 1st. 2018.

Applicants are advised to apply early as places on the programme are limited.

HOW TO APPLY -

STAGE 1: Apply on www.springboardcourses.ie to check your eligibility and to register your interest in a programme at the University of Limerick.

STAGE 2: Under www.springboardcourses.ie, go to the programme, click on the **More Details** tab and scroll to the **Applications Procedure**

This programme is subject to University of Limerick Academic Council approval and implementation

No guarantee is given that the programme, syllabus, fees or regulations may not be altered, cancelled or otherwise amended at any time.



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