



lyit

Institiúid Teicneolaíochta  
Leitir Ceanainn  
Letterkenny Institute  
of Technology

# MSc in Computing in Computer Science Education Research

**Minimum Entry Requirements:** A full level-8 qualification or equivalent or B.Ed.

Min 2:2 Honours Degree.

The Level 9 Masters in Computer Science Education Research programme from the Computing Department at LYIT endeavours to better prepare students for a career as a computer science educator at primary, post-primary and Further Education levels. This master's degree in computer science education provides educators with the skills to create curriculum and instruct students in the areas of modern technologies, computer programming, security and technology ethics. Course content for the MSc in Computer Science Education Research degree is research based and infuses best practices in computer science education.

## Modules

## Mandatory / Elective

## Credits

Computational Thinking for Problem Solving

Mandatory

10

Computer Ethics and Law in Education

Mandatory

10

Teaching and Learning for Computer Science

Mandatory

10

Research Dissertation

Mandatory

60

*Taking applications now !*

The course is delivered in a blended mode with pre reading and online interactions available in advance of each teaching date. Each module will involve 3 face-to-face teaching days which will be delivered on Saturdays.

Students may elect to exit the programme with the embedded Major Award – Certificate in Computing in Computer Science Education Level 9 - 30 ECTS Credits after successfully completing the 3 ten-credit modules.



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