



UNIVERSITY OF
LIMERICK
OLLSCOIL LUIMNIGH

Rannóg Ghnóthaí
Mac Léinn

Student Affairs
Division

Maths for STEM Certificate

STEM Level 5 Special Purpose Award (5S2246)



in partnership
with



Bord Oideachais & Oiliúna
LUIMNIGH & AN CHLÁIR
LIMERICK & CLARE
Education & Training Board



UNIVERSITY OF
LIMERICK
OLLSCOIL LUIMNIGH

Student
Affairs
Division

Mature Student Office UL

Scan code for application and
information:



Email: maturestudentoffice@ul.ie

Call: 061202735



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#StudyAtUL



O'Connell Avenue Campus

CFET



Access Campus Roxboro



University of Limerick

Dear applicant,

We appreciate your interest in the Maths for STEM Certificate. This programme is a joint effort between the University of Limerick and Limerick and Clare Education and Training board. This guide will provide further information on the course and application.

Applications for the programme will open on the 19th of January and will remain open until the 17th of May 2024. This is an online application that is available on the University of Limerick Mature Student Office Website.

Direct links to the application and mature student office website can be found by scanning the code on the cover. If you have any questions about the programme or application process, please contact the mature student office at maturestudentoffice@ul.ie.

We look forward to hearing from you.



Shirley Ryan
Mature Student
Officer

Math for STEM Certificate

What is the Math for STEM Certificate?

This one year, part-time programme is designed for learners who wish to improve their competency in mathematics. The programme focuses on mathematics particularly related to the areas of Science, Technology, Engineering and Mathematics (STEM) for work or study.

It is delivered by Limerick and Clare Education and Training Board's College of Further Education and Training in collaboration with the University of Limerick (UL).

Why choose a career in STEM?

Ireland's Expert Group on Future Skills Needs (skillsireland.ie) has several emerging and in demand skills and/ or difficult-to-fill roles in STEM. Examples of this include Data Analysts/ Scientists, AI Specialists, Pharma and Bio-Pharma specialists (EGFSN Statement of Activity 2021).

Undertaking studies in any of the STEM disciplines can lead to job opportunities in a wide range of areas. Employment in STEM related sectors is expected to grow for the coming years and represents a large amount of job opportunities currently available. You can read more about this on Solas.ie: [Skills Labour Market Research 2023](#). You can explore career opportunities in STEM, log onto www.smartfutures.ie

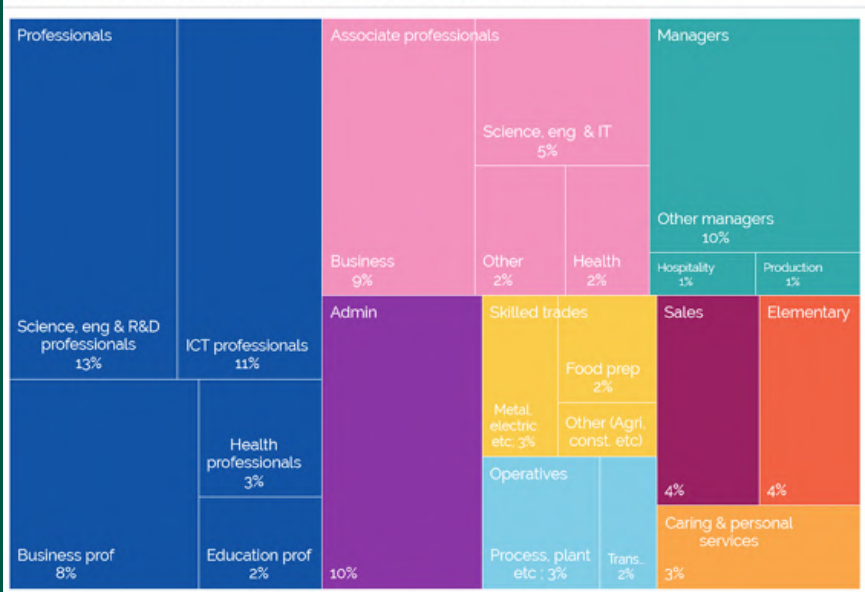
Who can apply?

The course is aimed primarily at those who are 22 or older by the first of January on the year of entry. Early school leavers aged 16 or older who meet the minimum mathematics entry requirements are also welcome to apply.

A Merit in the Maths for STEM Certificate is recognised **by UL** as a Higher Level Leaving Certificate Maths (HLLCM) H4. A distinction is recognised as equivalent to a HLLCM H3.

Maths for STEM (5S2246) is also a specified component award within several QQI major awards for entry to UL. Read the [UL QQI booklet](#) for further information.

OVATE online job vacancy adverts by broad occupational group, 2022

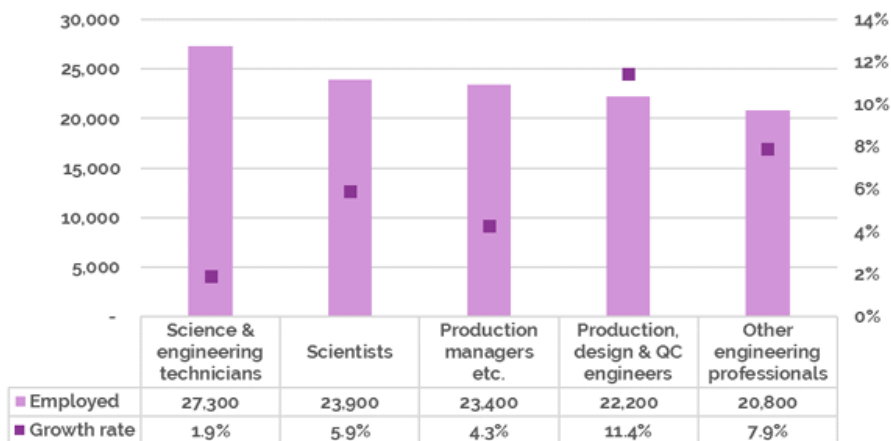


Source: CEDEFOP

National Skills Bulletin 2023 – SOLAS (Infographic)

10.1 Science & Engineering Occupations

Numbers employed, 2022 (annual average) & annual average growth rates (2017-2022)



Source: SLMRU (SOLAS) analysis of CSO data

Programme Information

What is the course content?

The course content is set out in the Award Specification for the QQI Math for STEM Award (5S2246).

The following mathematical topics are covered:

- Mathematical Proficiency
- Number
- Set Theory and Logic
- Algebra
- Functions and Calculus
- Geometry and Trigonometry
- Probability and Statistics

How do I progress to a full-time degree programme?

Students who are considered Mature (23 or over) can apply for their desired course through the CAO by February 1st. Applicants will still be assessed on a competitive basis per normal UL mature process.

Achieving the minimum required in the Maths for STEM Certificate doesn't guarantee a place on your chosen degree programme.

More information for prospective mature applicants is available at <https://www.ul.ie/student-affairs/mature-students-office> or looking at additional considerations on the undergraduate programme page.

Mature applicants who are deemed eligible may be given a **conditional offer** pending the final result of their Maths for STEM certificate.

Non-Mature applicants will also apply through the CAO by the 1st of February as a QQI, HEAR, DARE or Leaving Certificate applicant. You must reach the minimum subject and points requirement, as well as receive the specified grade in Maths for STEM to be considered for a place.

Programme Information

What are the entry requirements?

- Good IT and English language skills.
- International Protection applicants must provide a copy of their labour market permission letter from the Department of Justice and Equality to be considered eligible.
- Mature-age applicants must be aged 22 or older by January 1st on the year of application.
- Non- Mature age applicants must be 16 or over by January 1st on the year of application and meet the minimum mathematics requirements below:

Minimum Entry Requirements:

- Distinction in a QQI/FETAC Math Award at Level 4 or a Pass in Ordinary Level Leaving Certificate Mathematics.
- Equivalent qualifications and experience may also be recognised for mature age applicants also.

How do I apply?

For your application to be considered complete, you must submit the following:

- Complete the online application form
- Submit any relevant supporting documentation required as part of your application.

Open and Closing dates for applications are available online at <https://www.ul.ie/student-affairs/mature-students-office/maths-for-stem-certificate>

Eligible applicants *may be* called for interview if this is deemed helpful to the application process. Short-listing for places may apply, depending on the total number of applications received. Where demand is high, priority for places on the programme will go to mature-age and MSAC applicants.

Supporting Information

What supporting documents do I need?

- Proof of ID - Passport, Driver's Licence, Birth Certificate
- Copies of Educational Certificates
- (Optional) Supporting documents for reduced fees such as Proof of Social Protection payment, medical card, etc.
- (Optional) Labour Market Permission Letter

Who should I ask to be a referee?

Important: Referees should not be family members

- A tutor/teacher from a course you have attended, e.g., part-time day courses, literacy scheme, VTOS, evening course, etc.
- A supervisor from a place of work, e.g., full-time, part-time, CE scheme, etc.
- An employee of a local Resource/Information/Unemployed Centre who has been working with you on your career and educational options.
- Chairperson or Committee member of a local community or voluntary organisation with which you are involved, e.g., Credit Union, Parents Association, Unemployed Centre, Parish Activities, etc.

Why do I need a referee?

A referee allows us to evaluate your application and the supporting information that you have provided. It also helps us gauge your readiness for the course and its benefit to you.

Making an Application

Accessing the Application form

The application can be accessed by following the QR code on the inside cover or going to https://linktr.ee/mso_ul.

The application will take approximately 30 minutes to complete and you will need access to the internet to complete it. Information on the required documents can be found below.

If you have any questions, please email maturestudentoffice@ul.ie

The Application Form

- Section 1: Introduction to Maths for STEM
- Section 2: Application review consent
- Section 3: Personal Details
- Section 4: Education Qualifications and mathematical confidence
- Section 5: Employment, Benefits, Allowances and Other
- Section 6: Additional Information
- Section 7: Referee
- Section 8: Data Privacy Notice and Supporting Documentation

FAQs

How do I withdraw my application? Email Maturestudentoffice@ul.ie

Can I save and edit my application? You must finish your application in one sitting so have everything ready when you start.

I am having difficulty with submitting my application. Email maturestudentoffice@ul.ie

I have missed the deadline, can I still apply? No. To ensure fairness and prevent delays in the programme delivery, late applications are not accepted.

Course Costs

- Per Academic Year: €300
- Per Semester: €150

Payments are made in 2 installments at the start of each semester.

A reduced rate is available to those who receive or are the dependent of someone who receives:

- a qualifying Social Welfare payment
- a Medical Card
- Is on a Jobs Initiative
- On a Community Employment Scheme

Fees for those with a qualifying payment or on a qualifying scheme are €100. €50 will be payable at the start of each semester.

Applicants who are in receipt of Jobseekers allowance may be able to avail of the Training Support Grant. Please reach out to your case officer in relation this.

If applicants are also attending the Mature Student Access Certificate, all fees will be paid via the UL fees office. If you have any questions in relation to this. Please email maturestudentoffice@ul.ie.

Glossary of Programmes – Math Requirement



Some UL programmes require a HC3 (old) / H3 or H4 (new) in Leaving Certificate Mathematics (or equivalent) as a minimum entry requirement for mature student applicants.

A Merit in the Math for STEM Certificate is seen as equivalent to an H4 in Leaving Certificate Mathematics. A Distinction is deemed equivalent to an H3.

The below courses recognise the Maths for STEM Certificate as fulfilling the Maths requirement:*

LM058 BSc Financial Mathematics

LM077 BE Aeronautical Engineering

LM115 BE Chemical & Biochemical Engineering

LM116 BE Engineering (Common Entry)

- Biomedical Engineering
- Mechanical Engineering
- Civil Engineering
- Design & Manufacture

LM118 BE Electronic & Computer Engineering

LM124 BSc Mathematics (Common Entry)

- Mathematical Sciences
- Mathematics & Physics
- Economics & Mathematics

LM125 BSc Physics* (Common Entry)

- Applied Physics
- Mathematics & Physics

*Please see the Mature Student Guide to know what grade you will need to achieve for a particular course and if there are any additional requirements for prospective mature applicants.



Glossary of Programmes

The below courses list the Maths for STEM certificate as a required component alongside the linked QQI pathways.

LM058 BSc Financial Math

LM063 BSc Technology Management

LM077 BE Aeronautical Engineering

LM082 BSc Construction Management & Engineering

LM093 BSc Equine Science

LM113 BSc Interaction Design

LM114 BSc Music Media and Performance Technology

LM115 BE Chemical & Biochemical Engineering

LM116 BE Engineering (Common Entry Programme)

LM118 BE/ ME Electronic & Computer Engineering

LM121 BSc Computer Science (Common Entry Programme)

LM123 BSc Biological & Chemical Science (Common Entry)

LM124 BSc Math (Common Entry Programme)

LM125 BSc Physics (Common Entry Programme)

LM180 Cert/Dip Equine Science

Please see the [University of Limerick QQI handbook](#) for detailed information on QQI pathways.



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Programme co-funded by the Government of Ireland and the European Union.



Rialtas na hÉireann
Government of Ireland



Có-mhaoinithe ag an
Aontas Eorpach
Co-funded by the
European Union