



**ROINN NA MATAMAITICE AGUS NA STAITISTICE
DEPARTMENT OF MATHEMATICS & STATISTICS**

POSTGRADUATE HANDBOOK

2024/2025

Ollscoil na hÉireann, Má Nuad, Co. Chill Dara, Éire.

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ABOUT THE DEPARTMENT OF MATHEMATICS & STATISTICS

Welcome to the Maynooth University Department of Mathematics and Statistics. We are normally located in Logic House at the southern end of the old Campus. We hope you find this handbook of some help to you. If you have any further enquiries, please email mathsstats@mu.ie.

OFFICE HOURS –

10.00 a.m. - 11.00 a.m.

12.00 p.m. - 1.00 p.m.

2.00 p.m. - 4.00 p.m.

E-mail: mathsstats@mu.ie

Website: <https://www.maynoothuniversity.ie/mathematics-and-statistics>

The information in this handbook is as accurate as we can make it at the time of going to press, but it may be in error. In the event of difference, the official University rules and procedures take precedence over anything in this handbook, and nothing in this handbook should be understood as official.

TERM DATES: 2024-2025

<https://www.maynoothuniversity.ie/registrar/key-term-dates>

FIRST SEMESTER

Orientation Week	16 th September 2024	20 th September 2024
First Semester	23 rd September 2024	20 th December 2024
Study Week	28 th October 2024	1 st November 2024
Christmas Break	23 rd December 2024	3 rd January 2025
Study Period	6 th January 2025	11 th January 2025

SECOND SEMESTER

Second Semester	4 th February 2025	9 th May 2025
Study Week	17 th March 2025	21 st March 2025
Easter Vacation	21 st April 2025	25 th April 2025
Study Period	13 th May 2025	16 th May 2025

DEPARTMENT STAFF

Professor Stephen Buckley, Head of Department

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/stephen-buckley>

Dr Niamh Cahill, Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/niamh-cahill>

Dr Galatia Cleanthous, Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/galatia-cleanthous>

Dr Rafael de Andrade Moral, Senior Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/rafael-de-andrade-moral>

Dr Detta Dickinson, Senior Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/detta-dickinson>

Dr Katarina Domijan, Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/katarina-domijan>

Dr Catherine Hurley, Senior Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/catherine-hurley>

Dr Christian Ketterer, Lecturer

<https://www.maynoothuniversity.ie/people/christian-ketterer>

Dr Ciarán Mac an Bhaird, Senior Lecturer

Director, Mathematics Support Centre

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/ciar-n-mac-bhaird>

Professor David Malone

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/david-malone>

Professor Oliver Mason

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/oliver-mason>

Dr Keefe Murphy, Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/keefe-murphy>

Dr John Murray, Senior Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/john-murray>

Dr Fiacre Ó Cairbre, Senior Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/fiacre-cairbre>

Dr Eoin O'Brien

<https://www.maynoothuniversity.ie/faculty-science-engineering/our-people/eoin-obrien-0>

Professor Ann O'Shea

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/ann-oshea>

Professor Andrew Parnell

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/andrew-parnell>

Dr Lars Pforte

<https://www.maynoothuniversity.ie/faculty-science-engineering/our-people/lars-pforte>

Dr Mark Walsh, Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/mark-walsh>

Professor David Wraith

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/david-wraith>

SUPPORT STAFF

Mr Stephen Fagan, Executive Assistant

<https://www.maynoothuniversity.ie/people/stephen-fagan>

Ms. Janice Love, Senior Technical Officer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/janice-love>

Ms. Gráinne O'Rourke, Administrator

(Tel: 01 – 7083914/3651)

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/gr-inne-orourke>

Mr. Anthony Waldron, Technical Officer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/anthony-waldron>

POSTGRADUATE COORDINATORS

MATHEMATICS 2024/-25

Dr Mark Walsh

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/mark-walsh>

HIGHER DIPLOMA IN DATA ANALYTICS 2024/-25

Dr Keefe Murphy, Lecturer

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/keefe-murphy>

MASTERS IN DATA SCIENCE AND ANALYTICS 2024/-25

Dr Katarina Domijan

<https://www.maynoothuniversity.ie/faculty-science-engineering/our-people/katarina-domijan>

PhD in STATISTICS 2024/-25

Dr Catherine Hurley

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people/catherine-hurley>

RESEARCH INTERESTS OF STAFF

For the most accurate and up-to-date information, please go to the department website

<https://www.maynoothuniversity.ie/mathematics-and-statistics/our-people>

INTRODUCTION TO POSTGRADUATE COURSES

The Mathematics & Statistics Department offers postgraduate students the opportunity to study Mathematics or Statistics for the degrees of PhD, MSc, MA, or for a Higher Diploma in Mathematical Studies, Mathematics and Statistics, Data Analytics, or a Masters in Data Science & Analytics.

Please note that all postgraduate Mathematics and Statistics courses can be taken on a part-time basis over two or more years. Students who study on a part-time basis attend the regular daytime classes. The Department does not offer any classes during the evening or at weekends.

Information on Fees can be found on the University website at:

<https://www.maynoothuniversity.ie/student-fees-grants>

HIGHER DIPLOMA IN MATHEMATICAL STUDIES

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/higher-diploma-mathematical-studies>

HIGHER DIPLOMA IN MATHEMATICS

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/higher-diploma-mathematics>

HIGHER DIPLOMA IN STATISTICS

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/higher-diploma-statistics>

HIGHER DIPLOMA IN DATA ANALYTICS

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/higher-diploma-data-analytics>

MSc in MATHEMATICS OR STATISTICS BY RESEARCH

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/msc-mathematics>

MSc in MATHEMATICS BY EXAMINATION

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/msc-mathematics-0>

MASTER IN DATA SCIENCE AND ANALYTICS

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/msc-data-science-and-analytics>

PHD IN MATHEMATICS

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/phd-mathematics>

PHD IN STATISTICS

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/phd-statistics>

ERASMUS PROGRAMME

The Department has exchange agreements under the ERASMUS programme with a number of European universities. Students may spend up to half of one year at another university under this program, provided that a suitable programme of studies is arranged. For the Masters degree by examination, certain courses offered at the Universities of Kiel, Tübingen, Ulm (Germany), and the University of La Laguna (Tenerife) have been approved by the NUI as suitable to form part of the Maynooth course. You can find some useful links at

<https://www.maynoothuniversity.ie/international>

SCHOLASTIC FUNDING

There are opportunities for talented postgraduate students to get funding at Maynooth University, in either taught or research-based courses. Depending on the nature of the award, this can range from funding to cover fees, up to a full scholarship with not only fees, but a living allowance and provision for expenses also.

Competition for both Maynooth University funding and funding from other agencies is very high.

Further information can be found on the Maynooth University website at:

<https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/fees-funding-scholarships>

RESEARCH STUDENT SUPERVISORY POLICIES

For information about the University's research student policies, contact Marie Murphy of the Graduate Studies Office (marie.murphy@mu.ie).

Students doing research degrees should also read the Mathematics & Statistics Department Research Student Policy Document:

https://maynoothuniversity.ie/sites/default/files/assets/document/policy_res_student_2022.pdf

Structured Research students must take a certain number of taught modules, as explained in the above policy document. Other research students can also avail of these modules. The most relevant modules are the 800 level modules on the following webpage, although 500-level and other modules can also be taken with the permission of the Head of Department:

<https://www.maynoothuniversity.ie/mathematics-and-statistics/undergraduates/module-descriptors-202425>

HOW TO APPLY FOR A POSTGRADUATE COURSE AT MAYNOOTH UNIVERSITY

TAUGHT POSTGRADUATE COURSES:

Before you submit an application, please discuss your choice of course with the relevant Department Postgraduate Coordinator (see the names of the coordinators above).

RESEARCH DEGREE:

Before submitting any application for a Research degree, please ensure you have the prior agreement of a research supervisor.

If you have satisfied the above criteria, you may proceed and submit your application to the:

POSTGRADUATE APPLICATIONS CENTRE

www.pac.ie/

EDI Training

EDI training is a potent tool for increasing awareness, enhancing comprehension, and equipping individuals with the skills required to both implement and advocate for fairness, respect, and the celebration of our differences. It empowers participants to cultivate inclusivity within their departments, thereby creating a university atmosphere that is welcoming and enriching for everyone.

How to Get Involved:

Participation in online EDI training initiatives is open to all students. We strongly encourage you to take advantage of these opportunities to enhance your understanding of EDI principles and practices, and to actively contribute to a more inclusive community.

The [Equality Office](#) has shared a helpful list of EDI-related online courses / training sessions at Maynooth University and highlighted who they are available to.

Training	Location	Staff / Students?
EDI in HE & Let's Talk About Race	Moodle	Available to staff and students at MU
Consent at MU – Preventing Sexual Violence & Harassment	Moodle	Available to staff and students at MU
Sexual Health Maynooth University (Student link) Staff Courses Maynooth University (Staff link)	Moodle	Available to staff and students at MU
Disability Awareness Training – National Disability Authority	Online	Open access
<ul style="list-style-type: none"> ○ Communicating Across Cultures Bitesize Course ○ Dignity in the Workplace Bitesize Course ○ Managing Diversity Bitesize Course ○ Equality, Diversity & Inclusion Course online 	DCM Learning Courses	Available to MU staff through Learning & Development

Completion of the online training is recommended to everyone. Please feel free to share any student accessible links with fellow students directly and encourage them to participate in these free online trainings.

We firmly believe that through education, understanding, and active engagement, we can collaboratively create a more inclusive and equitable environment for all members of our faculty and our students.