Ollscoil na Gaillimhe
University of Galway

Scoil Ghnó agus Eacnamaíochta J.E. Cairnes
J.E. Cairnes School of Business and Economics

MSc International *Accounting & Analytics*

THE Awards 2026 Shortlisted Business School of the Year

EQUIS ACCREDITED

AACSB ACCREDITED

Association of MBAs ACCREDITED



Programme at a Glance

Award
Master of Science

Course code
MSc - MIAA (Pathway A)
MSc - MIAB (Pathway B)

NFQ Level
Level 9

Duration
1 year full-time (Pathway A)
7 months full-time (Pathway B)

Next Intake
September (Pathway A)
January (Pathway B)

Delivery Mode
On Campus

ECTS
90 ECTS

Tuition Fees
- EU: €12,000 Pathway A
- EU: €8,100 Pathway B

- Non-EU: €21,300 Pathway A
- Non-EU: €14,100 Pathway B

- Student Levy: €150

Who is this for?
Ideal for ambitious business graduates pivoting into accounting (Pathway A, September), or exam-qualified early-to-mid-career accountants (Pathway B, January) wanting hands-on data analytics skills to boost strategic impact in practice or industry.



Ready to apply?

For **General Business Graduates** who wish to specialise in *Accounting & Analytics*

Advance your accounting career with the MSc International Accounting and Analytics. Develop insights, and technical knowledge of tools and techniques for driving organisational performance, and understanding of corporate finance theory and practice. Gain an understanding of and expertise in accounting and business analytics through taught modules and our practitioner led Summer School.

Our programme responds to the 22nd Annual Global CEO Survey compiled by PwC which noted that 'A lack of analytical talent is impeding data adequacy.' PwC's 28th Annual CEO Survey offers further valuable insights into the evolving labour market inlcuding noting that **"Analytical thinking remains the most sought-after skill, with 70% of organisations deeming it essential by 2025".**

Our MSc International Accounting and Analytics was the first programme of its kind in UK and Irish Universities to offer practical hands-on modules in audit analytics tools for accountants.



International Accounting & Analytics

Pathway A *(Autumn Intake)*

This is an intensive 10 –11 month degree programme for high calibre business related/commerce graduates who have not specialised in accounting and who now wish to pursue a professional career in Accounting and Analytics.

Students taking the year-long programme starting in September secure substantial exemptions from the examinations of the ACCA. As a graduate of this MSc in International Accounting and Analytics you will be exempt from papers F1, F2, F3, F5, F7, F8 and F9 of the ACCA.

*Please note: exemptions from the examinations of the professional accounting bodies are subject to change of syllabus/content.

KPMG led Summer School



International Accounting & Analytics

Pathway B *(Spring Intake)*

Recognised Memberships

This is an ideal master's programme if **you are already a qualified associate member with an IFAC member professional accountancy body** (e.g. ICAI, ACCA, CIMA, Institute of Chartered Accountants India (ICA India), CPA Australia (Certified Practising Accountants Australia), the Institute of Cost and Management Accountants of Pakistan (ICMA Pakistan), CIPFA or other body deemed equivalent by the Programme Director) and looking to build your professional qualifications.

This unique programme offers, through **Recognition of Prior Learning (RPL)**, exemption from 50% (45 credits) of the 90 credits for this taught master's course to fully exam-qualified accountants who have been admitted to full associate membership of the recognised professional accountancy bodies above.



For early-mid career accountants

In collaboration with our industry advisory group we developed a new module Analytical and Communication Skills Development to enhance students' skill set. This includes an even greater **focus on analytics skills development through Excel for Analytics and Tableau for Analytics**. Both of these focus on manipulation of data sets to extract greater value from existing organizational data.

Quality data visualisation is critical to enhancing visual communication which facilitates improved organisational strategy formulation leading to competitive advantage. This new module teaches students how to create various visualisations of data allowing trends and patterns to be revealed thus allowing organisations to extract greater value from their data.

Host Company Examples for *MSc Accounting & Analytics*

Deloitte. KPMG

Abbott RSM

EY ups cms

wayfair alterDomus*

tableau from Salesforce

Excel



Why choose *this course.*

- **Fast-Track Your Career:** Achieve significant exemptions from ACCA and Chartered Accountants Ireland exams, accelerating your path to becoming a certified professional. The course's design and content have been meticulously aligned with professional requirements, making you exam-ready.

- **Learn from the Best:** Benefit from the insights and guidance of top-tier academics and industry practitioners. Our curriculum is shaped by industry leaders like KPMG, PWC, and EY, ensuring you receive cutting-edge knowledge and skills that are directly applicable in the workplace.

- **Enhance Your Professional Skills:** Develop critical analytical and communication skills through our newly developed modules. Master tools like Excel for Analytics and Tableau, and learn to create impactful data visualisations that drive strategic decision-making in organisations.

- **Stand Out in a Competitive Market:** Be at the forefront of accounting and analytics with the first MSc programme in the UK and Ireland to offer hands-on audit analytics tools. Gain expertise that employers are actively seeking, filling a critical skills gap in the market.



Global Opportunities

Open doors to a wide range of careers in Accounting Practice, Industry, Management Consultancy, and Financial Services. Your technical and strategic expertise will make you a valuable asset to any organisation, anywhere in the world.

Real-World Experience

Participate in immersive, practitioner led summer schools offering a capstone experience that consolidates the technical skills developed throughout the year. Gain practical, hands-on experience with Robotic Process Automation (RPA) and Artificial Intelligence (AI), ensuring you're equipped for the future of the industry.

Thrive in Galway City

Study in Galway, a vibrant hub for accounting and financial services. Home to numerous multinational firms and thriving local enterprises, Galway offers abundant networking opportunities, internships, and potential employment with top accounting firms right on your doorstep.



Leading *the future*

We are now a 'Triple Crown' School

We are part of an elite group comprising only the top 1% of business schools globally

Join **a globally recognised institution ranked among the best** for sustainability, and study on a campus committed to creating a greener future. Earn a MSc degree that not only equips you with cutting-edge skills but also aligns with your values of environmental stewardship.

Our business programmes are designed to foster innovation and leadership, preparing you to excel in today's competitive job market. The University offers a unique blend of academic excellence, practical experience, and a sustainable campus environment, making it the ideal choice for future business leaders.

Envision your career flourishing as you benefit from our world-class faculty and strong industry connections.

QS WORLD UNIVERSITY RANKINGS
2026
284th

QS WORLD UNIVERSITY RANKINGS
Europe 2026
98th

QS WORLD UNIVERSITY RANKINGS
Ireland 2026
4th

THE WORLD UNIVERSITY RANKINGS
The Sunday Times 2026
351-400

THE WORLD UNIVERSITY RANKINGS
The Impact Ranking 2025
- **1st in Ireland**
- **64th in the World**

THE WORLD UNIVERSITY RANKINGS
For Business and Economics 2026
301-400

Top 2%
of universities in the QS World rankings

Since 2024
University of Galway advanced to
SDG Ambassador

KPMG Led and Financing New Zero Summer Schools



Testimonial

" The M.Sc. in International Accounting and Analytics course offers a perfect blend between accounting and digital-oriented modules such as R programming, SQL, Python, Tableau and more. This course is well designed to equip students with the required accounting and IT skills, crucial to stand out in today's fast-paced environment. With no doubt, University of Galway provides an exceptional learning experience both on and off campus such as through industrial visits. Moreover, Galway is a great city to live, explore and enjoy during leisure times thus making one feel at home. For students who are interested in an accounting and analytical career, I would highly recommend this course to you. "

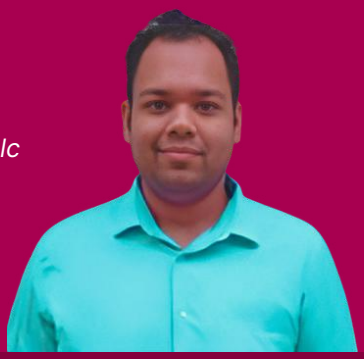
Floressa Colette Aranha
Financial Analyst
Planet



Testimonial

" This is an innovative programme that provided me with excellent understanding of both advanced accounting concepts and practical knowledge of analytical tools used in accounting and finance. The modules were very relevant and delivered by faculty who are top-notch academics and practitioners in their respective fields. The data analytics modules such as Big Data and SAP BW certification prepared me for the transformation that the accounting profession is witnessing right now. The level of support from lecturers both in the class and outside was unparalleled. The core modules were supplemented by the Big Four practitioner led summer schools and guest lectures from industry, providing us with the latest industry insights. Studying in the scenic campus of a top ranked university combined with the vibrant and lively culture of Galway city has been one of the best experiences of my life. "

Nitin Gupta
Senior Financial
Accountat at ICON plc



Programme Learning Outcomes

Upon completion of this programme students will be able to:

- **Apply knowledge in the core business disciplines of accounting, finance, financial reporting and auditing in analysing technical problems and evaluating potential solutions so as to contribute to solving strategic problems**
- **Demonstrate understanding of the big data ecosystem technologies and evaluate how these technologies can be integrated into a business intelligence environment and apply analytical techniques and tools to analyse big data, create models, and identify insights that can lead to actionable results**
- **Identify, analyse and solve applied problems in individual and team-based settings**
- **Contribute to the growth and development of business, the public sector and NGOs, by drawing on their technical knowledge and skills, as effective business practitioners at a national and international level**
- **Develop analytical and communication skills to contribute to both personal and organisational development**
- **Apply effective decision making to global business problems**



Schedule of Modules - Pathway A

Semester 1

Core Modules (30 Credits)

AY5131: International Financial Reporting and Analysis - 10 Credits

RequiredMG571: Strategic Management - 5 Credits

RequiredAY5110: Auditing & Assurance I - 5 Credits

RequiredAY5108: Intermediate Corporate Finance - 5 Credits

RequiredAY5106: Accounting for Management - 5 Credits

Optional Modules (Credits)

N/A

Semester 2

Core Modules (50Credits)

AY5141: Accounting and Management Control for Sustainable Organizations - 5 Credits

MS5106: Data Science and Big Data Analytics - 5 Credits

AY5128: Summer Schools in A&F: Contemporary Global Issues - 20 Credits

AY5120: Auditing & Assurance II - 5 Credits

AY5122: Advanced International Financial Reporting and Analysis - 5 Credits

AY5121: Analytical and Communication Skills Development - 5 Credits

AY5109: Advanced Corporate Finance - 5 Credits

Optional Modules (10 Credits Required)

MS5129: Storytelling through Data Visualisation - 5 Credits

OptionalMS5130: Applied Analytics in Business and Society - 5 Credits

OptionalAY5142: Sustainable Accounting, Finance and Governance - 5 Credits

List of modules is indicative and subject to change

Click on individual modules for course module information

Schedule of Modules Pathway B

Semester 2

Core Modules (80 Credits)

RPL045: Recognised Prior Learning - 45 Credits
AY5141: Accounting and Management Control for Sustainable Organizations - 5 Credits
AY5128: Summer Schools in A&F: Contemporary Global Issues - 20 Credits
AY5121: Analytical and Communication Skills Development - 5 Credits
MS5106: Data Science and Big Data Analytics - 5 Credits

Optional Modules (10 Credits Required)

MS5129: Storytelling through Data Visualisation - 5 Credits
OptionalMS5130: Applied Analytics in Business and Society - 5 Credits
OptionalAY5142: Sustainable Accounting, Finance and Governance - 5 Credits

List of modules is indicative and subject to change

Click on individual modules for course module information

Admission

Entry Requirements

Pathway A: For General Business Graduates who now wish to specialise in Accounting & Analytics

A First or Second Class Honours Grade 1 in a commerce/ business degree (or equivalent qualification) will be required.

Entry Requirements

Pathway B: for early-mid career accountants

Applicants are required to have completed all of the professional accounting examinations and to have been admitted as full members by a recognised professional accountancy body including the following: ACCA, CIPFA, CIMA, ICAEW, ICAI, ICAS or other IFAC member body assessed as equivalent by the academic programme director.

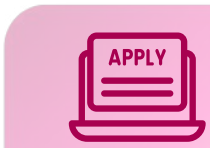
A notarised cert of membership must be submitted before an application can be considered. IELTS score of 6.5 or equivalent, if applicable.

Recognition of Prior Learning (RPL)

Candidates who have completed all of the professional accounting examinations and have been admitted as full members by a recognised professional IFAC member body assessed as equivalent by the academic programme director, are eligible for consideration.

English Language Requirements

- IELTS 6.S overall, with no less than 6.S in Writing and no less than 6.0 in any other band or equivalent, where applicable.



How to apply?

Apply online at: https://nuigalway.elluciancrmrecruit.com/Apply/Account/Login



Scholarships

Merit based Global Scholarships and Business Merit Scholarships available.



Work in Ireland

Non-EU students are eligible for the 24-month StayBack Visa here. A great opportunity to accrue international experience.

Find out More

Programme Director:
Dr Patricia Martyn
patricia.martyn@universityofgalway.ie

Programme Administrator:
Ms Sharon Gilmartin
Ms Tracy Coloe Cloonan
accountancy@universityofgalway.ie



Learn More: