**MSc International Accounting & Analytics**

**Pathway B**

Programme Handbook 2024-25



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# Welcome

We would like to welcome you to the MSc International Accounting & Analytics here in the J.E. Cairnes School of Business and Economics at the University of Galway and we hope your time here will be enjoyable.

This handbook should cover any queries you may have in regard to issues pertaining to the programme as well as giving guidance on other related issues in the university.

Our contact details are as follows:

Programme Director:

Name: Dr Patricia Martyn

Email: patricia.martyn@universityofgalway.ie

Programme Administrators:

Name: Sharon Gilmartin

Email: accountancy@universityofgalway.ie

Name: Tracy Coloe-Cloonan

E-Mail: accountancy@universityofgalway.ie

Yours sincerely



Dr Patricia Martyn

Programme Director

# Programme Objectives

The programme prepares students for leadership roles in the accounting profession and in business by equipping them with the necessary technical and analytical skills for a successful accounting career.

Upon successful completion of this programme, the student will be able to: Apply effective decision making to global business problems; Identify, analyse and solve applied problems in individual and team-based settings; 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; 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.

# Attendance Obligations

Success on this programme requires continuous engagement. Students are required to attend all lectures, workshops, tutorials and guest lecture sessions. If for any reason you are unable to attend a session, please advise the Programme Director [patricia.martyn@universityofgalway.ie](mailto:sharon.cotter@universityofgalway.ie) and the Programme Administrators, Sharon Gilmartin and Tracy Coloe-Cloonan at accountancy@universityofgalway.ie

# Certified Absence

Any certified absence for medical reasons should be notified to the Programme Director and Programme Administrators, Sharon Gilmartin or Tracy Coloe-Cloonan at [accountancy@universityofgalway.ie](mailto:accountancy@universityofgalway.ie) and original copies of medical certificates should be given in to the School Office, Room 135 Cairnes Building, University of Galway. Please also supply a copy of the medical certificate to Sharon Gilmartin or Tracy Coloe-Cloonan.

# Programme Structure

This MSc International Accounting and Analytics can be completed through two Pathways (Pathway A and Pathway B). Students taking Pathway B join the programme in January each year, they are exempt from 45 ECTS and are required to take 45 ECTS consisting of academic modules as part of their professional development during semester 2 (January to May) and attend mandatory summer schools (May-July). The programme will consist of lectures, projects, case studies and presentations in the required subjects. A range of assessment methods are used, including essays, projects, reports, presentations, case studies and/or written examinations. To be eligible for the award of Masters, candidates must pass examinations in each subject.

# Marks and Standards

To be eligible for the award of the MSc International Accounting & Analytics, Pathway B candidates must successfully complete modules to a total of 45 ECTS. Students must pass all modules. The pass mark in each module is 40%.

# Award of Honours

Honours are awarded only on completion of the programme according to the following scheme:

* H1 70% on the aggregate
* H2.1 60% on the aggregate
* H2.2 50% on the aggregate
* H3 40% on the aggregate

Honours are awarded only on the aggregate performance at an Examination as a whole. Honours are not awarded on the basis of results obtained in individual modules.

# Programme Content - Pathway B

|  |  |  |  |
| --- | --- | --- | --- |
| **Semester 2** |  | **ECTS** |  |
| AY5141 | Accounting & Management Control for Sustainable Organizations | 5 | Core |
| AY5121 | Analytical and Communication Skills Development | 5 | Core |
| MS5106 | Data Science and Big Data Analytics | 5 | Core |
|  | | |  |
| **Elective Modules** - Choose 10 ECTS (subject to availability) | | |  |
| AY5142 | Sustainable Accounting, Finance and Governance | 5 |  |
| MS5130 | Applied Analytics in Business and Society | 5 |  |
| MS5129 | Story Telling Through Data Visualisation | 5 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **May- July 2024** | |  |  |
| AY5128 | Summer Schools in A&F: Contemporary Global Issues | 20 | Core |

# Semester and Exam Dates 2024-25

|  |  |  |
| --- | --- | --- |
| **Semester 2** | **Date From** | **Date To** |
| Teaching | Monday 13th January 2025 | Friday 4th April 2025 |
| Study Period | Monday 7th April | Friday 17th April |
| Easter | Good Friday, 18th April, | Easter Monday 21st April 2025 |
| Semester 2 Exams | Tuesday 22nd April 2025 | Friday 9th May 2025 |
|  |  |  |
|  |  |  |
| August repeat exams | Tuesday 5th August 2025 | Friday 15th August 2025 |
| **Holidays** |  |  |
| Easter | Good Friday, 18th April 2024 | Easter Monday 21st April 2025 |
| Public Holidays | Monday 3rd February 2025  St. Patrick’s Day, Monday 17th March 2025  Monday 5th May 2025  Monday 2nd June 2025  Monday 4th August | |

Please note – Summer Schools run after semester 2 exams and results for these are released at the same time as Autumn Repeat Exams.

# Teaching Staff

Please find below, contact details of your lecturers throughout the year - this list is subject to change

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module** | **Lecturer** | **Email** |
| AY5141 | Accounting and Management Control for Sustainable Organizations | Prof Breda Sweeney  Dr Patricia Martyn | [Breda.sweeney@universityofgalway.ie](mailto:Breda.sweeney@nuigalway.ie)  [Patricia.martyn@universityofgalway.ie](mailto:Patricia.martyn@universityofgalway.ie) |
| AY5121 | Analytical and Communication Skills Development | Ms Sharon Cotter | [Sharon.cotter@universityofgalway.ie](mailto:Sharon.cotter@nuigalway.ie) |
| AY5128 | Summer Schools in A&F: Contemporary Global Issues | Ms Sharon Cotter  Dr Orla Lenihan | [Sharon.cotter@universityofgalway.ie](mailto:Sharon.cotter@nuigalway.ie)  [Orla.lenihan@universityofgalway.ie](mailto:Orla.lenihan@universityofgalway.ie) |
| AY5142 | Sustainable Accounting, Finance and Governance | Dr Orla Lenihan | [Orla.lenihan@universityofgalway.ie](mailto:Orla.lenihan@universityofgalway.ie) |
| MS5106 | Data Science and Big Data Analytics | Anatoli Nachev  Anastasia Griva  Mahya Ostovar | [Anatoli.nachev@universityofgalway.ie](mailto:Anatoli.nachev@universityofgalway.ie)  [Anastasia.griva@universityofgalway.ie](mailto:Anastasia.griva@universityofgalway.ie)  [Mahya.ostovar@universityofgalway.ie](mailto:Mahya.ostovar@universityofgalway.ie) |
| MS5130 | Applied Analytics in Business and Society | Blair Wang | [Blair.wang@universityofgalway.ie](mailto:Blair.wang@universityofgalway.ie) |
| MS5129 | Story Telling through Data Visualisation | Eoin Whelan  Martin Hughes | [Eoin.whelan@universityofgalway.ie](mailto:Eoin.whelan@universityofgalway.ie);  [Martin.hughes@universityofgalway.ie](mailto:Martin.hughes@universityofgalway.ie) |

# Centre for Excellence in Teaching & Learning (CELT) Materials

From the beginning of your program, you should make use of the following materials which are recommended by the University’s Centre for Excellence in Learning & Teaching (CELT) [http://www.universityofgalway.ie/centre-excellence-learning-teaching/](http://www.nuigalway.ie/centre-excellence-learning-teaching/:):

* A basic introduction to learning online: [https://www.allaboardhe.ie](https://www.allaboardhe.ie/)
* Tools for learning (not solely in an online environment): https://[www.allaboardhe.ie/AAlessons/learningtools/story\_html5.html?lms=1](http://www.allaboardhe.ie/AAlessons/learningtools/story_html5.html?lms=1)
* Virtual learning environments (VLEs) / Learning management systems (LMSs): https://[www.allaboardhe.ie/AAlessons/VLEstudent/story\_html5.html](http://www.allaboardhe.ie/AAlessons/VLEstudent/story_html5.html)

# Library

Information on accessing the library can be found at http://library.universityofgalway.ie

The username and password for your Library account is the same as the username and password for your campus account, i.e., what you use to log on to the University network and for your email. For further information on the library, please visit http://www.library.universityofgalway.ieTraining sessions on a variety of topics all designed to help you gain the skills of finding, evaluating and using information more efficiently are conducted in the library in semester I.

Training and resources provided by the library can be found at [http://library.universityofgalway.ie/help/teachinglearning/](http://library.nuigalway.ie/help/teachinglearning/)

# Academic Writing Centre

The AWC offers free one-on-one tutorials on essay writing for UNIVERSITY OFG students. Last year, AWC tutors helped over 500 students to overcome recurrent problems with grammar, punctuation, spelling, and essay structure. The AWC offers help and encouragement along the way. Everyone is welcome, regardless of level of experience or grade average. AWC tutors work with new entrants, final year students, and postgraduates alike. [http://library.universityofgalway.ie/awc/](http://library.nuigalway.ie/awc/)

# Computer Facilities (ISS)

The Information Solutions and Services Department provides a comprehensive range of ICT services for students. Please visit [http://www.universityofgalway.ie/information-solutions-services/services-for-students/](http://www.nuigalway.ie/information-solutions-services/services-for-students/) for further information on computer services.

# Canvas

Canvas is the Virtual Learning Environment (VLE) used in the University of Galway. All course materials, timetables, lectures and tutorials, tutorial groups, course outlines, course assignments, announcements and discussion groups will be made available on Canvas. Please see this link for student related answers about Canvas <https://www.universityofgalway.ie/information-solutions-services/services-for-students/canvas/students/>

# Career Development Centre

The [Career Development Centre](http://www.nuigalway.ie/careers/) (CDC) aims to provide students of the University of Galway with a quality career guidance and information service focused on facilitating and empowering you to manage your own career development and make effective career transitions. Support is provided on **Employability, Guidance and Opportunities.**

A large number of [events](http://www.nuigalway.ie/career-development-centre/servicesforstudents/events/) are held each semester and have many graduate employers on campus. Students and recent graduates can use [Careers Connect](https://www.nuigalway.ie/career-development-centre/servicesforstudents/connectwithcareers/) to view events, job / internship / funding opportunities and students can also use it to book an appointment with a member of the CDC team.

# J.E. Cairnes School of Business Student Advisor

The primary role of the Student Advisor is to look after the welfare and wellbeing of our students throughout their university experience. Please feel welcome to contact the student advisor at [businessstudentadvisor@universityofgalway.ie](mailto:businessstudentadvisor@nuigalway.ie) if you have any worry or concern.

# Academic and Wellness Support

Being involved in a society, club or in volunteer programmes is a fun and interesting way to meet new people and build friendships. Having a sense of belonging and connection with others is a proven way to help you mentally and physically in your learning journey. You will find some key UNIVERSITY OF Galway student support services at the links below.

Student Services: [http://www.universityofgalway.ie/student-services/](http://www.nuigalway.ie/student-services/)

The HUB (Wellness, Entertainment, Leisure & Lifestyle): <http://www.hub.univeristyofgalwaystudents.ie/>

Student Supports: https://[www.univeristyofgalwaystudents.ie/supports](http://www.univeristyofgalwaystudents.ie/supports)

Student’s Union: Welfare and Equality Officer, 086 3853659 / [www.su.universityofgalway.ie](http://www.su.nuigalway.ie/) / [su.welfare@universityofgalway.ie](mailto:su.welfare@nuigalway.ie)

# Parking and Bicycles

It is essential that you get a temporary parking permit and/or permanent student permit before you park in the university grounds. Without the permit you will be clamped, and the release fee is €60.00. **The clamping company makes no exceptions**. A Park and Ride facility is available from Dangan car park

You will find all details on parking in the University on this link <http://www.universityofgalway.ie/buildings/parking.html>

Bicycle racks are located at the back of the Cairnes Building.

The secure bicycle compound (see the [Cycling Map](http://www.nuigalway.ie/media/buildingsoffice/files/maps/Cycling-Facilities_Galway-A4-Map_D6.pdf) for location) is located to the west of the Arts Science Building. Anyone with a valid in date student / staff University ID card can access the compound. You must also swipe out. As part of ongoing improvements to cycle facilities additional covered bicycle racks have been installed in several places around campus

# International Students - Before you arrive

University of Galway looks forward to welcoming all International Students to Galway. These are the steps to take to ensure that your arrival goes as smoothly as possible:

|  |  |
| --- | --- |
| **Pre-Arrival Checklist** | |
| **1. Accept your offer** | Refer to your offer letter for instructions on how to accept your offer. If you are not sure about how to accept your offer, please email [internationaladmissions@universityofgalway.ie](mailto:internationaladmissions@nuigalway.ie) for postgraduate queries and [internationalmarketingrecruitment@universityofgalway.ie](mailto:internationalmarketingrecruitment@nuigalway.ie) for undergraduate queries. |
| **2. Pay your deposit or tuition fee** | Refer to your offer letter for instructions on how to pay any deposit that may be required by the University. The rules regarding payment and deposits may vary depending on the programme you have been accepted to. Your initial deposit will be deducted from your tuition fee, which can be paid in full prior to registration by 31st. Please see the [https://www.universityofgalway.ie/student-fees/international/](https://www.nuigalway.ie/student-fees/international/) for more information. |
| **3. Purchase Health Insurance** | Proof of medical expenses insurance is required for all non-EU students for immigration purposes. Please refer to the [Health Insurance](http://www.nuigalway.ie/international-students/offerholders/healthinsurance/) section of our website for more information. |
| **4. Prepare your immigration/travel documents** | All non-EU/EEA nationals are subject to immigration control at the point of entry to the Irish State, so please ensure you comply fully with [Irish Immigration Regulations](http://www.nuigalway.ie/international-students/offerholders/visasandimmigration/#d.en.29559) and that you have all the required documentation ready for inspection by immigration officials.  Immigration officials at your port of arrival may request documentary evidence from you that you will be attending University of Galway. You can use your offer letter as proof of this. |
| **5. Review your Pre-Arrival Guide** | Download the [International Guide here](https://drive.google.com/file/d/1BFaZXsFS5XnqRoR6Yk7e1yhfqPYAyBMs/view), it has all the information you might need as you transition into life at University of Galway. |
| **6. Book your accommodation** | Please refer to the [accommodation section of our website](http://www.nuigalway.ie/student-life/accommodation/) for information on how to book student accommodation. |
| **7. Make travel arrangements** | Check the [Academic Calendar](https://www.nuigalway.ie/media/registrationoffice/images/All-students-22-23-Calendar-revised.pdf) for your term dates and [How to Find Us](https://www.nuigalway.ie/about-us/contact-us/how-to-find-us.html) for information and advice on getting to Galway. |
| **8. Pack your things** | Check out the [list of useful items to pack](http://www.nuigalway.ie/what-to-pack/#d.en.29993) for Galway. The most important thing to remember is to pack light. Make a list of things you will actually need to see you through the first few weeks in Galway and discard everything else. |
| **9. Plan your budget** | It is important to understand all the costs involved, including [tuition fees and day-to-day living costs.](https://www.nuigalway.ie/international-students/studyinireland/feesfinance/) Budgeting is one of the key skills you will develop during your time at university and once you learn how to manage your money, you will be able to enjoy university life to the full. |
| **10. What to Expect on Arrival into Ireland** | At the port of entry, immigration officers will want to ensure you meet the entry requirements as an international student. Despite being already granted your visa, you need the following documents in your hand luggage   * Photocopies of your passport. * Plane tickets. * Two copies of your offer and acceptance letters. * Copy of medical insurance policy. |
| **11. Getting to Galway** | Galway city is served by an extensive **public transport** service from Dublin, Shannon and Knock airports, including the following public transport options  **From Shannon:**   * [**Bus Éireann**](https://national.buseireann.ie/?gclid=CNDrkLL7sMwCFWiD2wodBbYB1Q) provides a direct service from Knock airport to Galway. Travel time is approximately 2 hours.   **From Dublin:**   * Regular direct transfers from Dublin Airport operated by [**Bus Éireann**](https://national.buseireann.ie/?gclid=CNDrkLL7sMwCFWiD2wodBbYB1Q)**,**[**Go Bus**](http://www.gobus.ie/)and[**Citylink**](http://www.citylink.ie/), with fully air-conditioned coaches and free Wi-Fi. Travel time is approximately 2 hours, 15 minutes. * [**Irish Rail**](http://www.irishrail.ie/)offers a direct transfer from Dublin City. Travel time is 2 hours, 10 minutes (**Note: Irish Rail does not provide a service from Dublin airport**)   **From Knock:**   * [**Bus Éireann**](https://national.buseireann.ie/?gclid=CNDrkLL7sMwCFWiD2wodBbYB1Q) provides a direct service from Knock airport to Galway. Travel time is approximately 2 hours.   **Campus Entrances and Car Parking**  Click [here](http://www.nuigalway.ie/events/location/traveltogalway/campusentrancesandparking/) for a guide to UNIVERSITY OF Galway campus entrances and parking.  **Bikeshare**  Click [here](https://www.bikeshare.ie/galway.html) for information  **Campus Maps**   * [View Google Map of Campus](https://www.google.com/maps/d/viewer?mid=139uG7C92EdFgtGIXCqjed0AkMSM) * [View PDF Campus Map‌](https://www.nuigalway.ie/buildings/maps/) |
| **12. Life as a student in Galway** | The International Student Blog Find out about our student's experience of life and learning at University of Galway through our International Student Blog. From articles such as ['Things to do in Galway'](https://nuigalwayinternational.wordpress.com/2021/06/10/traveling-to-ireland-here-is-what-youll-need/)and [course experiences,](https://nuigalwayinternational.wordpress.com/2022/02/14/studying-the-me-in-energy-systems-engineering-at-nui-galway/) you'll find lots of interesting information! |
| **13. Keep in touch :-)** | We hope you find this pre-arrival section of our website useful in helping you prepare for your stay at University of Galway. If you are unsure about anything, please contact the International Office.  t: + 353 91 495277 e: [international@universityofgalway.ie](mailto:international@nuigalway.ie) You can also reach out to fellow international students over on our [Instagram](https://www.instagram.com/nuigalwayinternational/), [Facebook page](https://www.facebook.com/nuigalwayinternational) and [follow us on Twitter](http://twitter.com/StudyInGalway) for the latest news and updates. |

# Course Syllabi and Descriptions

***AY5141*** *– Accounting & Management Control for Sustainable Organizations*

The objectives of this module are to facilitate students in developing an ability to critically evaluate the conceptual and practical issues in the design of managerial control systems, including distinctive budgetary and non-budgetary mechanisms, divisional performance evaluation, and strategic performance management.

***AY5121*** *- Analytical and Communication Skills Development*

The objective of this module is to develop students’ skills for a transformed accounting and finance profession. While technical skills remain critical, accountants are increasingly expected to demonstrate robust communication, presentation and analytical skills. This module is designed to address these requirements and thus develop students’ employability skills. Excel is extensively used within the accounting profession; however, many users only use a limited range of features. Covering more advanced Excel techniques makes users more productive and efficient. Transforming huge volumes of complex data into useful insights is a challenge for all organisations, Tableau enables users to build visual representations of the analysis conducted to allow clearer and more succinct communication of key insights. Advanced Excel and Tableau skills are essential business skills in contemporary organisations, facilitating faster and better decision-making.

***AY5142*** - *Sustainable Accounting, Finance and Governance*

The objectives of the module are twofold: (1) to provide students with a knowledge of sustainability issues within an accounting, finance and governance context; and (2) to stimulate in students an interest in future research that responds to the global challenge of climate change and sustainability. Students will explore common approaches to measuring and reporting corporate sustainability performance. The module will consider how to integrate sustainability-related risks and opportunities into corporate financial decision-making and governance. Students will learn how to critique academic research in the field of sustainable accounting, finance and governance to identify gaps in current knowledge. The module will also introduce students to established research methods in accounting, finance and governance.

***MS5106*** *- Data Science & Big Data Analytics*

This module aims to provide students with knowledge required to become active contributors to big data analytics projects and develop specific skills needed to use and implement big data analytics technology and tools. Topics may include big data technology and tools: Hadoop, MapReduce, Yarn; Hadoop ecosystem: HBase, Hive, Pig; Spark; big data analytics project life cycle; creating business value with big data. The module focuses on how technologies can be integrated and used an in a business intelligence environment through case studies of big data applications.

***MS5129*** *– Storytelling Through Data Visualisation*

We live in a world increasingly dominated by data. Data are used to make important decisions, to shape business and political policy, and to understand the fundamental workings of nature. But data can be complicated, mysterious, and difficult to understand. It is more important than ever to be able to communicate data in a way that is comprehensible and memorable. This is the essence of data storytelling. Data storytelling is a skill, and the goal of this course is to help you improve this skill.

***MS5130*** *– Applied Analytics in Business and Society*

In today's digitally enabled world, businesses are collecting more data than they know what to do with. Using the R programming language, which has become the industry standard for statistical analytics, this module will focus on turning large datasets into useful insights. The focus is applying statistical techniques to real datasets using R, rather than the mathematical details. Students will explore the R, RStudio, and R packages; learn how to programme basic statistics; create attractive, intuitive statistical graphics; write user-defined functions; combine and reshape multiple datasets; build linear, generalised linear, and nonlinear models; assess the quality of models and variable selection; analyse univariate and multivariate time series data; and learn how to write-up data analyses.

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

The objective of this module is to familiarise students with a range of contemporary global issues that influence how businesses operate, and how management both accounts for the stewardship of the business and assesses the management of organisational performance. This module will involve opportunities for students to gain a deeper understanding of these matters and be able to critically assess the implications these issues have for businesses and performance measurement. The module also aims to broaden students’ skills in assessing organisational performance.

# What is Plagiarism and how is it defined in the University?

Plagiarism is taking credit for someone else’s ideas and making out that you thought of these ideas yourself. This is a form of intellectual theft. In third-level colleges, plagiarism is a serious offence. It merits a severe penalty. In some colleges, the student loses all entire marks for that assignment. In other colleges, the student is brought before the disciplinary committee. You need to be aware of how serious an offence of plagiarism is and take care to avoid it in your assignments, particularly in a thesis.

## Plagiarism is defined by the Academic Council of the University as follows:

1. Plagiarism is the act of copying, including or directly quoting from, the work of another without adequate acknowledgement. The submission of plagiarised materials for assessment purposes is fraudulent and all suspected cases will be investigated and dealt with appropriately by the University following the procedures outlined here [University of Galway Code of Practice for Dealing with Plagiarism located at [http://wwwuniversityofgalway.ie/plagiarism](http://www.universityofgalway.ie/plagiarism)] and with reference to the Disciplinary Code.
2. All work submitted by students for assessment purposes is accepted on the understanding that it is their own work and written in their own words except where explicitly referenced using the accepted norms and formats of the appropriate academic discipline.
3. Whilst some cases of plagiarism can arise through poor academic practice with no deliberate intent to cheat, this still constitutes a breach of acceptable practice and will be appropriately investigated and acted upon (See University of Galway Code of Practice for Dealing with Plagiarism at <http://www.universityofgalway.ie/plagiarism)>.

The J. E. Cairnes School of Business & Economics has two plagiarism advisors, Dr Anatoli Nachev and Ms. Mairéad Hogan, who are responsible for dealing with suspected and reported cases of plagiarism and acting in accordance with the University’s Code of Practice for Dealing with Plagiarism. Please see <http://www.universityofgalway.ie/plagiarism> for further details.

## Examples of plagiarising the work of other students

* Getting someone else to write your essay, report, assignment or thesis.
* Taking material written by someone else, putting your own name to it, and handing it in as your own work.
* Copying bits and pieces out of the work of another student/author and including them in your own essay, report or thesis without acknowledging the source.
* Taking ideas, theories, direct quotations, diagrams, statistics, tables, photographs, graphs from a published source or the Internet, and including them in your assignment without stating a source.
* Allowing another student to copy your work is also considered to be plagiarism and both students are subject to a penalty.
* Plagiarised work in group assignments or projects can be caused by the contribution of a single student, but the group submits and is therefore fully responsible for that. The penalty affects all students in the group.

## Examples of plagiarism from published sources

* Direct quotation: Using the exact words of another person without giving them credit for it. Please note that if you use the exact words, you **MUST** enclose them in quotation marks **AND** cite the source using the appropriate style. Citing the source on its own is not sufficient.
* Paraphrasing: Putting someone else’s ideas into your own words without giving them credit by citing the source for the ideas.
* Using statistics, tables or a graphic (diagram, figure, picture and so on) without citing a source.
* Summarising material from a source without acknowledging where the ideas came from.

Fair use: Remember, you cannot base your thesis on chunks of material “borrowed” from your reading materials. Instead, you must form your own opinions about the thesis topic and use your reading materials fairly to support your own ideas, making sure to cite the sources of everything you use.

To avoid plagiarism, you must give credit whenever you use: another person's idea, opinion, or theory; any facts, statistics, graphs, drawings - any pieces of information whatsoever that are not common knowledge; quotations of another person's actual spoken or written words; or paraphrase of another person's spoken or written words

Common Knowledge: A lot of information is considered “common knowledge”, so you do not have to quote a source for it. For example, Galileo discovered that the earth goes around the sun. Up until his discovery, everyone thought that the sun circled the earth. Even though this new idea was thought up by Galileo, we do not need to cite him as the source - this information (fact) has become common knowledge, something that “everyone knows”. As a rule of thumb, any fact that you would be able to find in ten different books, you do not need to cite a source for it. Such facts are “common knowledge”.

You must, however, cite a source for any new facts; say for example recent information about the impact of global warming on the climate of Ireland. It is only facts that have become common knowledge that you can use without citing a source.

You must always cite a source for opinions - someone’s personal point of view about a fact.

For example, if you are doing an assignment/report/thesis on a social issue, like equality in the workplace, you will probably draw facts from a range of published works, use ideas drawn from your own experiences, and may carry out some primary research like a survey based on a questionnaire. You will need to cite sources for all the opinions and facts taken from your reading materials and explain clearly what information comes from your survey.

## Citation and Referencing

Remember, everything you write must be verifiable. If you cite no source for content in your assignment/report/thesis, this means you are claiming you thought of the ideas yourself. However, fresh ideas are rare. Most of our ideas have already been thought of by someone else, or they are based on the ideas of someone else. You need to acknowledge that by citing a source for any ideas you find in your reading materials. You do this by in-text citation linked to a List of Works Cited, or a Reference List placed at the end of your thesis, essay or report.

Each academic discipline has its own method for citing sources. You do not have to know all these different styles. Just be aware that they exist.

The following texts are useful for citing and referencing and are available in the University library and the University bookshop:

Pears, R. and Shields, G. (2004) “Cite them right: referencing made easy”, Northumbria University, Newcastle upon Tyne, England ISBN: 1-904794-02-5

Pears, R. and Shields, G. (2005) “Cite them right: the essential guide to referencing and plagiarism”, Northumbria University, Newcastle upon Tyne, England ISBN: 0-955121-60-4

## Resources

The library has a series of guides on academic integrity, including information on what plagiarism is, how to avoid it and good practice for citing and referencing. You are advised to familiarise yourself with these.

[https://libguides.library.universityofgalway.ie/c.php?g=653961&p=4591731](https://libguides.library.nuigalway.ie/c.php?g=653961&p=4591731)

You can earn a digital badge from All Aboard by completing this short online course on Referencing, citations and Publications.

<https://www.allaboardhe.ie/referencing/>

**Provisional MSc International Accounting & Analytics (Pathway B) Semester 2 Timetable 2024-25**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Times** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 09.00-10.00 |  |  |  |  | **\*AY5121** Analytical and Communication Skills Development  *(1MIA1, 1MIA3)*  *ENG-G046* |
| 10.00-11.00 |  |  |  |  | **\*AY5121** Analytical and Communication Skills Development  *(1MIA1, 1MIA3)*  *ENG-G046* |
| 11.00-12.00 |  |  |  | ***MS5130***Applied Analytics in Business and Society (1MIA1, 1MIA3) *CA111* |  |
| 12.00-13.00 |  |  |  | ***MS5130***Applied Analytics in Business and Society (1MIA1, 1MIA3) *CA111* |  |
| 13.00-14.00 |  |  |  |  | **MS5129** Story Telling Through Data Visualisation *(MBY, MIS, MIA1, MIA3, DTR) O’hEocha Theatre AMB-1021* |
| 14.00-15.00 |  |  | **MS5106** Data Science and Big Data Analytics *(1MIA1, 1MIA3, DTR) CA111* | **AY5141** Accounting and Management Control for Sustainable Organisations *(1MIA3) AC213 - LECTURE ROOM* | **MS5129** Story Telling Through Data Visualisation *(MBY, MIS, MIA1, MIA3, DTR) O’hEocha Theatre AMB-1021* |
| 15.00-16.00 |  |  | **MS5106** Data Science and Big Data Analytics *(1MIA1, 1MIA3, DTR) CA111* | **AY5141** Accounting and Management Control for Sustainable Organisations *(1MIA3) AC213 - LECTURE ROOM* |  |
| 16.00-17.00 |  |  |  | **AY5142** Sustainable Accounting, Finance and Governance *(CF, 1MIA1, 1MIA3)* *CA111* |  |
| 17.00-18.00 |  |  |  | **AY5142** Sustainable Accounting, Finance and Governance *(CF, 1MIA1, 1MIA3) CA111* |  |

**Note 1: Classes in addition to the timetable above**

**Additional mandatory workshops will be held in Semester 2 -** The timetable will be updated each week to reflect the additional workshops.

**AY5121** **Analytical and Communication Skills Developmen**t – lectures will be scheduled as needed and you will be advised in the week-by-week timetable circulated to you.

**AY5101 Taxation II / AY5120 Auditing** – Tutorials to take place from week 4 and one will take place every other week.

Please note that there **WILL** be other classes **in addition** to the regular classes scheduled above. For example, there will be regular tutorials (days and times to be announced). There will also be additional workshops, guest lectures, etc. in various subjects. The timetable will be updated on a weekly basis and published on Canvas by Friday evening of the previous week.

\*Lecturer will advise start date of tutorials - please note, there will be no tutorials / workshops in week 1

\*\*Lecture will advise on when this timeslot will be used

|  |  |  |  |
| --- | --- | --- | --- |
| Code | Module | Lecturer | Email |
| AY5141 | Accounting and Management Control for Sustainable Organizations | Natasha Caulfield  Breda Sweeney  Patricia Martyn | [Natashalouise.caulfield@universityofgalway.ie](mailto:Natashalouise.caulfield@universityofgalway.ie)  [Breda.sweeney@universityofgalway.ie](mailto:Breda.sweeney@universityofgalway.ie)  [Patricia.martyn@universityofgalway.ie](mailto:Patricia.martyn@universityofgalway.ie) |
| AY5109 | Advanced Corporate Finance | John Nolan | [nolanj@universityofgalway.ie](mailto:nolanj@universityofgalway.ie) |
| AY5120 | Auditing & Assurance II | Sharon Cotter  Frank Conaty | [Sharon.cotter@universityofgalway.ie](mailto:Sharon.cotter@universityofgalway.ie)  [Francis.conaty@universityofgalway.ie](mailto:Francis.conaty@universityofgalway.ie) |
| AY5121 | Analytical and Communication Skills Development | Sharon Cotter | [Sharon.cotter@universityofgalway.ie](mailto:Sharon.cotter@universityofgalway.ie) |
| AY5122 | Advanced International Financial Reporting and Analysis | Orla Lenihan | [Orla.lenihan@universityofgalway.ie](mailto:Orla.lenihan@universityofgalway.ie) |
| MS5106 | Data Science and Big Data Analytics | Anatoli Nachev  Anastasia Griva | [Anatoli.nachev@universityofgalway.ie](mailto:Anatoli.nachev@universityofgalway.ie)  [Anastasia.griva@universityofgalway.ie](mailto:Anastasia.griva@universityofgalway.ie) |
| **Electives (choose 10 ECTS)** | | | |
| AY5142 | Sustainable Accounting, Finance and Governance | Orla Lenihan | [Orla.lenihan@universityofgalway.ie](mailto:Orla.lenihan@universityofgalway.ie) |
| MS5130 | Applied Analytics in Business and Society | Blair Wang | [Blair.wang@@universityofgalway.ie](mailto:Blair.wang@@universityofgalway.ie) |
| MS5129 | Story Telling through Data Visualisation | Eoin Whelan / Martin Hughes | [Eoin.whelan@universityofgalway.ie](mailto:Eoin.whelan@universityofgalway.ie);  [Martin.hughes@universityofgalway.ie](mailto:Martin.hughes@universityofgalway.ie) |

***AY5121*** *Analytical and Communication Skills Development – Sharon Cotter is coordinator of this module – lectures will be scheduled on a need's basis, and you will be advised in the week-by-week timetable circulated to you.*