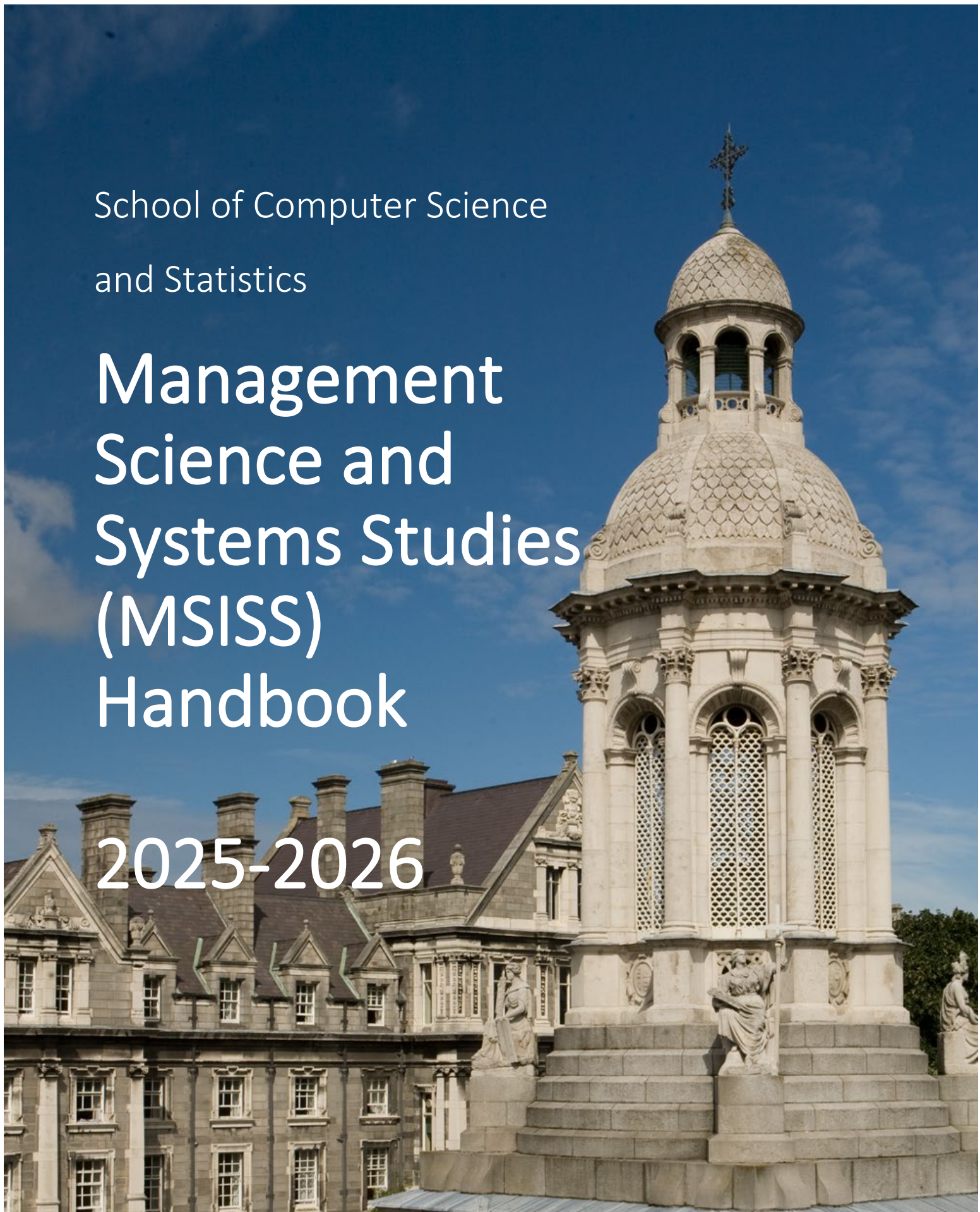**Trinity College Dublin**
Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

School of Computer Science

and Statistics

Management Science and Systems Studies (MSISS) Handbook

2025-2026

Contents

1. GENERAL COURSE INFORMATION

1.1 Introduction

This is the course handbook of the Management Science and Information Systems Studies (MSISS) degree programme offered by the School of Computer Science and Statistics in Trinity College Dublin. The MSISS degree programme is a four-year honours degree course leading to a BA Moderatorship in Management Science and Information Systems Studies. This handbook contains information and regulations for all MSISS students. It provides a guide to what is expected of you on this programme, & the academic and personal support available to you. Please retain it for future reference.

We are confident that you will find this programme challenging and demanding, and we hope that you will find your studies at Trinity College Dublin both stimulating and rewarding. Our courses have been designed to offer students a dynamic, structured and coherent learning experience. The MSISS programme has several features which we believe will contribute to your studies being an effective and enjoyable period of personal and academic development.

If you are a new student to university, we invite you to read First Year in University (on page 9), which may help you understand what you need to do to have an enjoyable and productive time at college. You are also very strongly recommended to meet your tutor (see page 5) as he or she is your advocate in college and can also provide you with support should you have any difficulties.

We wish you every success in the coming year

Alessio Benavoli
Course Directors, MSISS

1.2 A Note on this Handbook

Information provided in this handbook is believed to be accurate at the time of preparation except where noted. Any necessary revisions will be notified by college email. Please note that, in the event of any conflict or inconsistency between the General Regulations published in the University Calendar and information contained in course handbooks, the provisions of the General Regulations will prevail. The University Calendar is available at http://www.tcd.ie/calendar/.

This handbook is available from the School of Computer Science and Statistics website.

> *"This Programme Handbook should be read in conjunction with the School of Computer Science and Statistics Undergraduate Student Handbook, which you can find on our website (teaching.scss.tcd.ie)."*

1.3 Contact Details

Staff Name	Role/Title	Contact 1	Contact 2
Prof Gregory O'Hare	Head of School		
Dr. Goetz Botterweck	DTLUG	GOETZ.BOTTERWECK@tcd.ie	
Prof Alessio Benavoli	Course Director	ALESSIO.BENAVOLI@tcd.ie	
Anushka Fernandes	Course administrator	teaching-unit@rt.scss.tcd.ie	

1.4 Key Locations

For the MSISS programme, the key locations are the teaching unit and the laboratories. The teaching unit serves as the central hub for academic support while the laboratories provide hands-on experience with the tools and technologies used throughout the course.

References/Sources:

School of Computer Science and Statistics

Laboratories

Interactive College Map

Blackboard

Academic Registry

1.5 Key Dates

A link to the academic year structure can be found below:

Reference/Source:

[Academic Year Structure](#)

1.6 Timetable

The updated course timetable will be available online shortly before the start of the Michaelmas term. Personal timetables will be available to students through https://my.tcd.ie.

Reference/Source:

[My TCD](#)

1.7 Study Abroad/Erasmus (add coordinator)

The School of Computer Science and Statistics encourages students to consider studying abroad in one of Trinity's partner universities. There are two types of opportunities to study abroad.

- **Erasmus/EU Exchanges**
- **Non-EU Exchanges (also referred to as International Exchanges)**

Whether you are embarking on an Erasmus/EU Exchange or a Non-EU Exchange it is important that you fully consider the impact that studying abroad will have on your studies.

For comprehensive information about the Erasmus/Study Abroad programme please visit [Study Abroad – Teaching and Learning](#)

2. SCHOLARSHIPS AND PRIZES

2.1 Foundation Scholarships

Details on the College regulations for achievement, as well as the structure and duration of the examinations for the programme.

Students in their Senior Freshman year are eligible to take the Foundation Scholarship examinations. In exceptional circumstances students may defer them to the following year.

A Foundation or Non-Foundation scholarship is tenured for five years, during which time the Scholar is entitled to free Trinity accommodation, their evening meal free of charge at Commons, a waiver of their tuition fees or student contribution (non-EU students' fees are reduced by the value of EU fees) and a small annual stipend. Scholars are also entitled to use the post-nominal letters "sch." after their name. This scholarship is a very prestigious and substantial award given to approximately 60 students each year.

Information regarding the structure and duration of papers can be found at

[Foundation Scholarship - Academic Registry - Trinity College Dublin](#)

Reference/Source:

[Calendar Part II, D 10: Foundation and Non-Foundation Scholarships](#)

2.2 Prizes, Medals and Other Scholarships

Gold medals are awarded by the Board to candidates of the first class who have shown exceptional merit (and for this programme that means achieving an overall average of 80.0% or above in their BA(Mod) degree result). See [tep-gold-medals-criteria.pdf](#) for more details.

 Computer Science Prizes

The following prizes are listed in the University Calendar for the Computer Science programme.

The Professor John G. Byrne Prize

This prize was established in 2014 with funds provided by Alumni of the School in honour of Professor John G. Byrne, Chair of Computer Science 1973–2003, and Head of the Department of Computer Science from its founding in 1969 to 1987 and from 1990 to 2001. In celebration of excellence, the prize is awarded annually to the student who achieves the highest overall result in the Masters Year of the Computer Science course provided the result is at Distinction level. Value, €1,024.

The Victor W. Graham Prize

This prize, founded in 1986 from funds subscribed by friends and pupils to mark Mr V. W. Graham's retirement, is awarded to the Year 1 student in the moderatorship in computer science course who obtains the highest mark in the summer examination in pure mathematics. Value, €750.

The Ludgate Prize

This prize was instituted in 1991 in memory of Percy E. Ludgate, an Irish designer of an analytical engine. It is awarded to the student who submits the best project in Year 4 of the moderatorship in computer science. Value, €127.

The William Nurock Prize

This prize was founded in 1938 by a bequest from William Nurock. The conditions for the award of the prize were changed in 1984 and in 2021. It is now awarded annually to the student obtaining the highest result in the moderatorship in computer science, providing that such student also attains gold medal standard. Value, €1,000.

3. ACADEMIC WRITING

3.1 The Use and Referencing of Generative AI

Aligned with the College Statement on Artificial Intelligence and Generative AI in Teaching, Learning, Assessment & Research (2024), the use of GenAI is permitted unless otherwise stated. Where the output of GenAI is used to inform a student's document or work output, this usage should be acknowledged and appropriately cited, as per Library guidelines on acknowledging and reference GenAI. From an academic integrity perspective, if a student generates content from a GenAI tool and submits it as his/her/their own work, it is considered plagiarism, which is defined as academic misconduct in accordance with College Academic Integrity Policy.

Reference/Source

College Statement on Artificial Intelligence and Generative AI in Teaching, Learning, Assessment and Research

Library guidelines on acknowledging and reference GenAI.

3.2 Academic Integrity and Referencing Guide

Standard Text to be copied from the Calendar with a link to the Academic Integrity Policy and the Statement of Principles on Academic Integrity included.

A **link** to the Library Guidelines on Academic Integrity and a **link** to the coversheet declaration text for submitted assignments.

Should there be **local policy** on referencing or programme copy of the coversheet declaration, include relevant links and/or details to inform students.

Reference/Source

Calendar Part II, B: General Regulations & Information, 'Academic Integrity'

College Statement on Academic Integrity

Academic Integrity Policy

Library Guides - Academic Integrity

Coversheet Declaration

3.3 Research Ethics

On relevant programmes, Schools should provide relevant links and information regarding good practice in research, as well as information on College and Faculty policies and procedures.

The SCSS Research Ethics Committee (REC) was established in 2009 as a subcommittee of the School Research Committee to review and advise on any ethical issues that may arise during the course of a research project or study. The SCSS REC consists of a REC Chair and six members of academic staff from the school.

Any research project that involves human participation conducted through a research project or study, including questionnaires, surveys or system user-evaluations, must have independent review by a Research Ethics Committee. Approval must be obtained prior to the commencement of data collection and cannot be applied for or granted retrospectively. This requirement applies to studies to be undertaken by staff, postgraduates and undergraduates.

All members of staff and students undertaking research should do so with cognizance of the Trinity College Guidelines for Good Research Practice no matter what their research project entails.

All applications must be reviewed and signed by the research Supervisor or Principal Investigator on the project. This signature confirms an assertion that the application is complete in terms of its formal requirements; it does not stand as proxy for ethical approval. Forms which are not signed or not presented at an acceptable standard (eg: incomplete or containing excessive typographical or grammatical errors) will be returned and may therefore incur delays for the researchers involved.

It takes time to prepare an application for research ethics approval, to have the application considered, and to respond to feedback on the application where issues are raised. You should plan in your work for the time it takes to obtain research ethics approval. Furthermore, retrospective approval will not be granted.

Individual applications are considered on their own merits. A basic principle is that prospective participants should be fully informed about the research and its implications for them as participants, with time to reflect on the possibility for both risk and benefit derived from

participation, prior to being asked to sign an informed consent form. Informing prospective participants fully includes declaring potential conflicts of interest that the researcher may have in conducting the research, detailing how participants may withdraw data associated with their participation from further analysis within the study, explaining the preservation of their anonymity within the study, warning them about potential consequences of discovery during the study of issues that would necessarily have precedence over assurances of anonymity and so on.

Reference/Source

Research Ethics

Policy on Good Research Practice

Ethics Policy

4. TEACHING AND LEARNING

4.1 Programme Architecture

Students typically enter Year 1 from secondary school via the Central Applications Office (CAO) system. Suitably qualified students may also join the programme on the recommendation of the Course Director. Students normally exit the programme at the end of Year 4, with a B.A. (Mod.) in Management Science and Information Systems Studies, though provision is made for students to exit the programme with an ordinary B.A. degree at the end of Year 3.

The terms *Junior Freshmen*, *Senior Freshmen*, *Junior Sophister* and *Senior Sophister* are widely used in Trinity to refer to a first-year, second-year, third year and fourth-year student respectively; thus, for example, Junior Freshmen year, (or JF year), refers to Year 1. The teaching year is divided into two twelve-week semesters. The first semester (running roughly September to December) is known as Michaelmas Term (MT), the second (running roughly January to April) is known as Hilary Term.

In the Freshmen years (JF and SF) instruction is given in the foundations of MSISS with compulsory courses taken in its three main strands of *Business and Management, Quantitative Methods, and Information Technology and Systems*. In the Sophister years (JS and SS), students may select several options in addition to core courses. In the final SS year students undertake a capstone project working with a real client.

4.2 Programme Structure and Workload

Management Science and Information Systems Studies follows the common **Science** curriculum architecture[1].

In Year 1 and Year 2, students are required to study:

- 40 credits in core subject (Statistics, Management Science, Information Systems and Mathematics)
- 20 credits in Open Modules in Business, Economics, Computer Science or other disciplines that complement the MSISS curriculum.

In Year 3, students are required to study:

- 40 credits in core subject (Statistics, Management Science, Information Systems and Mathematics)
- 10 credits in Open Modules in Business, Economics, Computer Science or other disciplines that complement the MSISS curriculum.
- 10 credits in Trinity Elective Modules

In Year 4, students must undertake a 20-credit capstone project and a further 40 credits in other modules.

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[1] https://www.tcd.ie/TEP/curriculum_principles_&_programme_architecture.php

Year 1 – Junior Freshmen 2024/2025

MSISS students take the following modules:

Year 1 - MSISS	
2025/26 (Operational From: 2019/2020)	
Michaelmas Term	**Hilary Term**
Software Applications I STU11001 / 5 credits	Statistical Analysis I STU11002 / 5 credits
Introduction to Programming I CSU11011 / 5 credits	Introduction to Programming II CSU11012 / 5 credits
Introduction to Management Science STU11004 / 10 credits	
Engineering Mathematics I MAU11E01 / 5 credits	Engineering Mathematics II MAU11E02 / 5 credits
OPEN MODULES 20 credits (There is no elective choice in Year 1; the BUU and ECU modules are considered by College to fulfil the Open Module requirements for Year 1 MSISS)	
Open Modules	
Enacting Sustainable Development BUU11570/5 credit	Fundamentals of Management and Organisation BUU11580 / 5 credits
Introduction to Economics A ECU11013 / 5 credits	Introduction to Economics B ECU11014 / 5 credits

Year 2 – Senior Freshmen 2024/2025

MSISS students take the following modules:

Year 2 - MSISS	
2025/26 (Operational From: 2020/2021)	
Michaelmas Term	**Hilary Term**
Engineering Mathematics III MAU22E01 / 5 credits MSISS pre-req MAU11E01 & MAU11E02	Software Applications II STU2201A / 5 credits MSISS pre-req STU11001
Applied Probability I STU22004 / 5 credits MSISS pre-req MAU11E01 & MAU11E02	Applied Probability II STU22005 / 5 credits MSISS pre-req STU11002 & STU22004
Management Science Methods STU22006 / 10 credits MSISS pre-req STU11004	
Algorithms and Data Structures I CSU22011/5 Credits	Algorithms and Data Structures II CSU22012/5 Credits Pre-req CSU22012
OPEN MODULES 20 credits	
Open Modules	
Introduction to Finance BUU22550 / 5 credits Prerequisites BUU11510	Introduction to Accounting BUU22530 / 5 credits
Intermediate Economics A ECU22011 / 5 credits prerequisite ECU11011	Intermediate Economics B ECU22012 / 5 credits prerequisite ECU11012

Economy of Ireland A	Economy of Ireland B
ECU22021/5 credits	ECU22022/5 credits
prerequisite ECU11011	prerequisite ECU11012

Year 3 – Junior Sophister 2024/2025

MSISS students take the following modules:

Year 3 - MSISS	
Operational From: 2021/2022	
Michaelmas Term	**Hilary Term**
Multivariate Linear Analysis STU33011 / 5 credits	Information Management II CSU34041 / 5 credits
Statistical Analysis III STU33002 / 5 credits	Information Systems STU33005 / 5 credits
Forecasting STU33010 / 5 credits	Research Methods STU33004 / 5 credits
Management Science Case Studies STU33008 / 10 credits MSISS pre-req STU11002, STU11004 and STU22006	
Management Science Case Studies A (Erasmus out S2) STU33008A / 5 credits	Students out on Erasmus in S1 choose either STU34504 or STU34506
OPEN MODULES (10 credits – listed below)	
TRINITY ELECTIVE MODULE (5 credits) List released by College	TRINITY ELECTIVE MODULE (5 credits) List released by College
Open Modules	
Financial Accounting I BUU33531 / 5 credits prerequisite BUU22530 / 5 credits	Financial Accounting II BUU33532 / 5 credits prerequisites BUU22530 & BUU33531
INTRODUCTION TO FIXED INCOME SECURITIES AND ALTERNATIVE INVESTMENTS BUU33620/ 5 Credits	FINANCIAL MARKETS AND INSTITUTIONS BUU33760/ 5 Credits
INVESTMENTS AND SUSTAINABILITY BUU33750/ 5 Credits	
Financial Risk Management BUU33805/5 credits	
Investment Analysis A ECU33051/5 credits prerequisite ECU22011 & ECU22012	Investment Analysis B ECU33052/5 credits prerequisite ECU22011 & ECU22012
Introduction to Functional Programming CSU34016 / 5 Credits	
Economics Analysis A ECU33011/ 5 Credits	Economics Analysis B ECU33012 / 5 Credits prerequisite ECU22011 & ECU22012
Econometrics A ECU33091/ 5 Credits	Econometrics B ECU33092/5 credits prerequisite ECU33091
Introduction to Big Data in Economics ECU33143/ 5 Credits	
Mathematical Economics A ECU33081/ 5 Credits	

- Please note that not all electives may run each year, depending on demand and availability of appropriate staff to teach the electives.
- Students may change options by informing the Teaching Unit up to the end of the second week of Michaelmas Term.
- Late changes will not be accepted.

1.1.1. Year 4 – Senior Sophister 2024/2025

In Year 4 (Senior Sophister) students take the following modules:

Year 4 - MSISS	
Operational From: 2022/2023	
Michaelmas Term	**Hilary Term**
Final Year Project (Capstone) STU44091 / 20 credits	
Strategic Information Systems STU45006 / 10 credits	
Data Analytics STU44003 / 10 credits	
ELECTIVE MODULES (20 credits)	
Subject Electives	
Decision Analysis STU44005 / 5 Credits	
International Finance BUU44640 / 5 Credits Prerequisite BUU22550 Introduction to Finance	Derivatives BUU44650 / 5 Credits Prerequisite BUU22550 Introduction to Finance
Financial Reporting and Analysis I BUU44531 / 5 Credits Perquisites BUU33531/BUU33532	Financial Reporting and Analysis II BUU44532 / 5 Credits Perquisites BUU44531
Applied Linear Statistical Methods I STU34503 / 5 credits	Applied Linear Statistical Methods II STU34504 / 5 credits
Statistical Inference I STU34505 / 5 credits	Statistical Inference II STU34506 / 5 credits
Human Factors CSU44051 / 5 Credits	Entrepreneurship & High Tech Venture Creation CSU44081 / 5 Credits
FINANCIAL REPORTING & ANALYSIS I BUU44531/ 5 Credits	Natural Capital Accounting BUU44706 / 5 credits
Safety Management System &Risk Assessment ME5MM7/ 5 Credits	
SUSTAINABLE FINANCE BUU44700/ 5 Credits	

- Please note that not all electives may run each year, depending on demand and availability of appropriate staff to teach the electives.
- Students may change options by informing the Teaching Unit up to the end of the second week of Michaelmas Term.
- Late changes will not be accepted.

4.3 Learning Outcomes

Upon successful completion of the MSISS programme, graduates will be able to:

1. Demonstrate strong analytical abilities to model, analyse, and solve complex problems in business and organisational contexts.

2. Understand and utilise information systems, statistical and data-analytics tools to support and enhance organisational processes and performance.

3. Analyse and interpret data critically to support evidence-based management and strategic planning.

4. Combine concepts and methods from management science, statistics, mathematics, economics, business studies, information systems, and computer science to inform effective decision-making.

5. Exhibit flexibility in thinking and creativity in problem-solving when faced with novel organisational and business situations.

6. Demonstrate strong interpersonal and communication skills and work effectively as part of multidisciplinary teams.

7. Apply their knowledge and skills in a wide range of organisational settings, showing awareness of the broader economic and technological environment.

4.4 Module Descriptors & Compulsory Reading Lists

The school reserves the right to amend the list of available modules and to withdraw and add modules. Timetabling may restrict the availability of modules to individual students.

Insert **Full Module Descriptors** for Core and Open Modules. A link to College-hosted website or VLE may be used in place of full descriptors.

The school reserves the right to amend the list of available modules and, in particular to withdraw and add modules. Timetabling may restrict the availability of modules to individual students. Brief descriptions of the modules are provided on the course website. Full details, including learning outcomes, book recommendations and important evaluation and assessment criteria are available at Module Directory – Teaching and Learning

Reference/Source:

Policy on the Trinity Learning Management System (LMS)

4.5 Registration

Include information or links on pathway options that are relevant to the programme.

Reference/Source:

Trinity Pathway Selection

4.6 Coursework Requirements

In-course assessment and examination arrangements, including marking conventions, rubrics for all assessment components and grade descriptors, as well as guidelines on presentation and submission of work for assessment purposes (including details of penalties applied for late submission, word count and coversheet declaration) should be outlined. Include guidance to ensure any written work is in line with Trinity's Accessible Information Policy (i.e. use of sans serif font [e.g. calibri]; minimum size 12).

Reference to academic support services or online modules may be relevant here.

Coursework is an integral part of Computer Science, and it is essential that every student participates fully in the coursework associated with each module. If a student does not make a serious attempt at the coursework in a module this is considered in the same way as if a student does not make a serious attempt at an examination. Any student who submits less than two thirds of their coursework in a module is considered as not making a serious attempt. In such circumstances, if the student fails the module overall, they may be excluded from the degree programme at the discretion of the Examination Board. Timely submission of coursework is particularly important as this is a vital professional skill.

Penalties for late submission of coursework are specified in the School Handbook. If there are extenuating circumstances warranting late submission students must request extensions through their tutors in advance of the deadline for submission. Extenuating circumstances include only serious circumstances such as certified medical conditions and bereavements. Coursework marks are normally computed and returned as numerical values (e.g. as percentages). Guidelines for the presentation and submission of work are provided separately for each module. It is the responsibility of each student to retain a copy of any coursework that they submit.

Grade Descriptors

The requirements of each piece of coursework differ depending on the year of study as well as the nature of the problem. To give an idea of what each grade equates to in a qualitative fashion, the following is an indication of the standard expected of dissertations/projects which are done in year 4:

• I+ (80 - 100 Marks) An upper first project is one which is exceptionally good for an undergraduate and which displays: – thorough understanding of the project area – excellent knowledge of the relevant literature – comprehensive development of the technical theme including an element of originality – exemplary presentation and analysis of results – sound critical evaluation – well organised and excellently presented report

• I (70 - 79 Marks) A standard first-class project is one which rate as very good for an undergraduate and which displays: – good understanding of the project area – sound least some novel thinking – comprehensive presentation and full analysis of the results – clear evidence of an ability to critically evaluate – logically organised and very well-presented report

• II.1 (60 - 69 Marks) An upper second-class project is one which clearly rates as a good project and which displays: – reasonably good understanding of the project area – some knowledge of the relevant literature – sound development of the technical theme – clear presentation and relevant analysis of results – some critical evaluation, perhaps limited in scope – well organised and well-presented report

• II.2 (50 - 59 Marks) A lower second-class project is one which rate as moderately good and which displays: – some understanding of the project area – limited knowledge and appreciation of the relevant literature – limited development of the technical theme 23 – basic presentation and analysis of results – no originality or critical evaluation – insufficient attention to organisation and presentation of report

• III (40 - 49 Marks) A third class project is one which generally rates as weak and displays: – very limited understanding of the project area – scant knowledge and appreciation of the relevant literature – sparse development of the technical theme – confused presentation and

incomplete analysis of results – weak level of technical discussion – poorly organised and presented report

• Fail (0 - 39 Marks) A project graded as a fail represents an unsatisfactory project containing significant errors or omissions: – flawed understanding of the project area – very superficial knowledge and appreciation of the relevant literature – lack of development in the technical theme – poor or incomplete presentation of results; inadequate or flawed analysis – discussion confused or erroneous – very poor overall presentation

Reference/Source:

Student Learning Development

Accessible Information Policy

4.7 Capstone Project

The Capstone project — though defined differently by different subjects — is the common element across all degree exit routes and is weighted at 20 ECTS. It requires a significant level of independent research by the student.

The Capstone should:

- be an integrative exercise that allows students to showcase skills and knowledge which they have developed across a range of subject areas and across the four years of study
- result in the production of a significant piece of original work by the student
- provide students with the opportunity to demonstrate their attainment of the four graduate attributes: to think independently, to communicate effectively, to develop continuously and to act responsibly.

Students should refer to School and College policies and procedures with regards to research guidelines and ethical practices.

The capstone project for this programme is the Final Year Project in Year 4 (counting for 20 ECTS) or the Dissertation in year 5 (counting for 30 ECTS). It requires a significant level of independent research by the student and should result in the production of a significant piece of original work by the student. It provides students with the opportunity to demonstrate their attainment of the four Trinity graduate attributes: to think independently, to communicate effectively, to develop continuously and to act responsibly. Students should refer to School and College Policies and Procedures with regards to research guidelines and ethical practices within their capstone projects.

A key goal of the Trinity Education Project (TEP) is to ensure that all Trinity undergraduates have the opportunity to complete such an independent piece of work under academic supervision during their degree. Corresponding guidelines and criteria were approved by Council in April 2019 (see https://www.tcd.ie/teaching-learning/ug-regulations/Capstone.php).

Reference/Source:

Capstone website

Policy on Good Research Practice

4.8 Marking Scale

Grades for individual subjects and overall grades are awarded based on the (rounded) percentageachieved as follows:

Grade	Mark
I	70%-100%
II.1	60%-69%
II.2	50%-59%
III	40%-49%

Reference/Source:

4.9 Attendance Requirements

You are required to attend all lecture, laboratory, tutorial or other sessions associated with your programme of study and to participate fully in the academic work of your class.

You must notify the lecturer concerned or your Tutor as early as possible if you are unable to attend. If you are absent for medical reasons, you should notify your Tutor, and you may be required to provide a medical certificate. This is particularly important if you will miss required assessment components (e.g. in-class tests or demonstrations of your work).

Students whose attendance has not been satisfactory in either semester may be reported to the Senior Lecturer's Office as "non-satisfactory" for both semesters in a year may be refused permission to take semester two assessments or examinations and may be required to repeat the year in full.

Unless otherwise specified for a programme or an individual module, **a student's attendance and participation may be deemed to be "non-satisfactory" if they miss more than one third of their course of study in a semester.**

Reference/Source:

4.10 Absence from Examinations

Students who in any term have been unable, through illness or other unavoidable cause, to attend the prescribed lectures satisfactorily, as determined by the relevant school, department or programme, may be granted credit for the term by the Senior Lecturer and must perform such supplementary exercises as the Senior Lecturer may require. Such requests will only be considered in extraordinary circumstances and should be made by the student's tutor to the Senior Lecturer (via student cases) and only after consulting the general and more detailed school or course regulations regarding absence from lectures or examinations through illness.

Reference/Source:

4.11 External Examiner

Professor Jesus Martinez-del-Rincon, Senior Lecturer, School of Electronics, Electrical Engineering and Computer Science, Queen's University Belfast.

Reference/Source:

Procedure for the Transfer to External Examiners of Students' Assessed Work

4.12 Progression Regulations

Semester one modules students are examined at the end of the semester one and semester two modules are examined at the end of the second semester. To complete an academic year (and progress to the next year of the programme), students must be successful at the Annual and/or Supplemental Examinations.

To be successful in the Annual or Supplemental Examinations, students must pass all modules. The pass mark is 40%. Alternatively, students may pass by compensation if they (i) achieve an overall weighted average pass mark and (ii) pass modules totaling 50 credits, and (iii) get a 'Qualified Pass' mark (35%) in the failed module(s) (either one 10-credit module or one/two 5-credit modules).

If a student is successful in the Annual Examinations his/her overall mark will be calculated as the average of each module's mark weighted by its ECTS rating and an overall grade awarded (according to the scale above). If a student is unsuccessful in the Annual Examinations, he/she is required to take a supplemental examination or assessment in all modules in which they have not achieved a pass mark, as indicated in the examination results.

Permission to take supplemental examinations will not normally be granted to students whom the Court of Examiners considers not to have made a serious attempt at the annual examinations unless an adequate explanation is furnished. The method of assessment of modules may vary between annual and supplemental examinations.

Supplemental examinations are held in Michaelmas term each year (i.e. towards the end of the summer break).

If a student is successful in the Supplemental Examinations his/her overall mark will be calculated as the average of each module's mark (weighted by its ECTS rating and an overall grade awarded (according to the scale above). This average is based on the marks achieved in the supplemental examinations together with the marks achieved in the annual examinations for the modules in which

supplemental examinations/assessments were not required.

A student who feels their returned mark is incorrect should first ask to view their script with the examiners and may (through their tutor) request a recheck, or lodge an appeal. A student who does not pass by either of the methods above is required to repeat the year in full.

4.12.l Repeating a Year

When a student must repeat a year, they must do so in full (i.e. repeating all modules and all assessment elements of those modules). Students may repeat years 1-4 of the programme but may only repeat a particular year once and may only repeat two years within the programme.

In exceptional circumstances some students are permitted to repeat off-books (taking only examinations in the subjects which they failed). This is applied for through the tutor.

Reference:/Sources:

Calendar Part II, B: General Regulations & Information

Calendar Part II, C: Specific Regulation

4.13 Awards

Degree options available to students on the undergraduate programmes, e.g. Single Honours, Joint Honours, Major with Minor, or Multidisciplinary, where Exit Awards (B.A. (Ord.) exist this information must be included. A statement on the QQI – NFQ Level must be included.

4.13.I Ordinary BA Degree (exit only)

Students who have passed their Year 3 examinations may have an ordinary BA degree conferred ifthey do not choose, or are not allowed, to proceed to Year 4 of the programme, or if they fail to complete satisfactorily Year 4 of the course. Except by permission of the University Council, on therecommendation of the Executive Committee of the School of Computer Science and Statistics, anordinary BA degree may be conferred only on candidates who have spent at least two years in theUniversity.

4.13.II Moderatorship (Honors) Degree

The B.A. Mod. degree result is awarded if a student has successfully completed Years 3 and 4, basedon a combined mark from the Year 3 examinations (contributes 30% of the moderatorship result) and Year 4 examinations (contributes 70% of the moderatorship result).

Where students are awarded an honours degree, the class of degree awarded is based on the weighted average mark achieved as follows: First Class Honors: 70%-100%, Second Class Honors, First Division: 60%-69%, Second Class Honours, Second Division: 50%-59%, Third Class Honors: 40%-49%.

References/Sources:

National Framework for Qualifications

Trinity Pathways

Trinity Courses

4.14 Graduate Attributes

A clear statement on the graduate attributes that are achieved within the programme/learning outcomes.

4.15 Student Feedback and Evaluation

The school will conduct student surveys of modules on a regular basis (at least once every three years) typically around the middle of the semester and will provide feedback on the results of these surveys as soon as practical. It will also facilitate student fora with the class representatives towards the end of each semester

References/Sources:

Student Evaluation and Feedback

Student Partnership Policy

Procedure for the Conduct of Focus Groups for Student Feedback on Modules and Programmes