

Welcome Week Handbook

MSc Data Science

Cardiff School of Technologies

Academic year
2023/2024



Cardiff
Metropolitan
University

Prifysgol
Metropolitan
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Introduction

Welcome to Cardiff Metropolitan University



I would like to wish you a very warm welcome to the MSc Data Science programme. We are eager to have you as a member of our vibrant academic community. Your relevant experience as a learner and maybe as a working professional will be an asset to the course. The aim is for you to build upon this experience and enjoy your study.

Starting a postgraduate course is very exciting and challenging at the same time. We have put together a series of activities and events to help you settle into your academic programme and get to know the university, your course, and your new colleagues. During Welcome Week you will be involved in a group project (details follow) designed to provide you with a taste of what you can expect during your studies at Cardiff Met. The aim of Welcome Week is thus to provide you with an opportunity to get involved with your chosen course of study right from the start.

My team is very much aware that for many of you, this will be a natural progression flowing on from a previous qualification; for some of you this will be a return to study after a long period of time, and for others, it will be attending university to receive formal recognition of the work that you do in the workplace. Therefore, the MSc Data Science programme has been designed to cater for the needs of a wide range of students from various settings to ensure an inclusive and diversified environment. Whatever your route into the course, be assured that the programme team will endeavour to provide appropriate support and encouragement.

We look forward to meeting you at Cardiff Met!

Imtiaz Hussain Khan, PhD

Email: Ikhan2@cardiffmet.ac.uk

Programme Director



Essential Information



Programme Details

The course aims to provide a high quality and professionally relevant postgraduate programme, developing in students a critical appreciation of data science and the use of software to analyse and synthesise data. Graduates will be equipped with the necessary skills and knowledge to develop high quality systems and to manage all aspects of data science, thus enabling a student to enhance their existing skills in anticipation of meeting the increasing commercial demand in this area. The encouragement of students to function as autonomous learners should result in graduates who will have developed the foundations for future and continuing professional development.

Part-Time Students

Whilst full-time students should participate in everything, we recognise you may not be able to do so because of other commitments, and we understand this.

Talk with your Personal Tutor about which activities will be most valuable for you. You will be welcome to join in all events during the week as and when you can. Do, though, ensure that you have registered and completed the required paperwork before attending any events.

International Students

We understand that for international students coming to the UK, adjusting to a new culture, finding somewhere suitable to live, and following new processes and procedures can be quite overwhelming. The Global Student Advisory Service is available to offer friendly advice and support to all international students in relation to welfare concerns, academic skills, and immigration matters. For more information about the services available, access the links below:



Global Student Advisory Support

[Global Student Advisory Service International Welfare Advice](#)

[Global Student Advisory Service International Academic Advice](#)

[Global Student Advisory Service Immigration Advice](#)

Global Student Advisory Contacts

Welfare advice – intstudentadvice@cardiffmet.ac.uk

It is also important that you attend the activities planned for your programme of study during Welcome Week, so you get to meet your Programme Directors, Tutors, and the rest of your cohort. This will help you to settle into your new environment and make new friends.



Meet the Team



Imtiaz Hussain Khan, PhD

Email: ikh2@cardiffmet.ac.uk

Programme Director – MSc Data Science

Modules to be studied in Academic Year 23/24.

Confirmed Module Leader details will be provided towards the start of term. For more information on our CST teaching staff and their specialised areas please visit [the website](#).

CIS7008	Technology Project Management (Semester 2)
CIS7026	Business Process and Data Analysis (Semester 2)
CIS7030	Geospatial Analysis (Semester 2)
CIS7016	Research Methods (Semester 2)
CIS7028	Information Security (Semester 1)
CIS7029	Social Media Analytics for Business (Semester 1)
CIS7031	Programming for Data Analysis (Semester 1)
CIS7017	Technology Dissertation (Year-long) Dr Chow Siing Sia - Dissertation Co-ordinator



Welcome Week

What to expect

During the week you will have the opportunity to engage in several activities, which you will undertake with a group of other new postgraduate students from your programme, supported by staff and current students

who are on your programme. There will also be lots of help from the other Cardiff Met services showing some great tools and techniques you can use during your post graduate journey.



There will be an introduction to your new school and programme of study and lots of activities to help you meet new people.

You will need to complete a bit of administration and check-in with your programme team, so we know who is doing what, and when. You will also need to complete any outstanding enrolment matters, pick up Students' Union cards, and touch base with any specialised support services that you need.

Here's what Cardiff Met students enjoyed about Welcome Week

"Helped me settle in and took the pressure off travelling to a new place"

"The group activities helped me to find out about our peers was a nice way of getting to know everyone"

"Helpful to chat informally to the Programme Director and chat about random things to help settle in".



Programme Activities and Projects

Please watch this [introductory video](#) to get started with Welcome Week's project. A briefing regarding the tasks, group allocation, and deliverables will be provided during Welcome Week. The broader aim of this project is to familiarise yourself with some key steps involved in a data-driven analytic problem. While participating in this interesting activity, you will get acquainted with [Kaggle](#), data pre-processing steps, data visualisation techniques, and basic machine learning techniques. Please note that the overarching purpose of this project is to build supportive peer relations, inculcate meaningful interactions, and reflect upon the process to identify your strengths and good practices. You will be expected to present your work before the end of induction week which would allow a healthy discussion and feedback.

Social Activities

Further information on social activities will be available in your induction week timetable, which will be provided closer to the start of term.



Welcome Week Activities



During Welcome Week you will have the opportunity to:

- Attend a welcome meeting with your Programme Director and meet the team, where they will provide an introduction and outline expectations.
- Meet other postgraduate students.
- Take part in a welcome week activity with other postgraduate students.
- Familiarise yourself with campus.
- Explore what services are available to support you on your learner journey.
- Familiarise yourself with the digital tools you will be expected to use during your studies.
- Take part in a 'wrap up' session, reflect on the week and make sure you know what your timetable is looking like for the first week of teaching.
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Personal Welcome Week Checklist

During Welcome Week you need to make sure that you have:



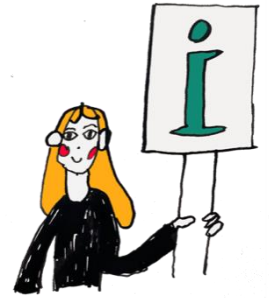
- Completed the enrolment process.
- Collected your student ID card.
- Attended programme activity session.
- Attended some social events on campus/online.
- Attended Freshers' Fayre
- Met with your Programme Director and staff on your programme of study.
- Familiarised yourself with the library and any support services you might need
e.g., Dyslexia or Disability help.



Useful Information

New Students Information

The [Course Joining Information website](#) has lots of useful information to help with your planning. Simply select your level of entry on the website to find out more and access your important joining information.



Student Services

[Student Services](#) provide support and guidance, including mental health, disability support, careers advice, part-time jobs information and money management.

SU Welcome Guide

An interactive guide to help you navigate your journey into and throughout your university life. Take the tour and enjoy each section designed to help you get to know Cardiff Met.

[What you need to know before you go](#)



Academic Calendar 2023/24

[Academic Calendar 2023/2024](#)

Campus Map



Cyncoed Campus

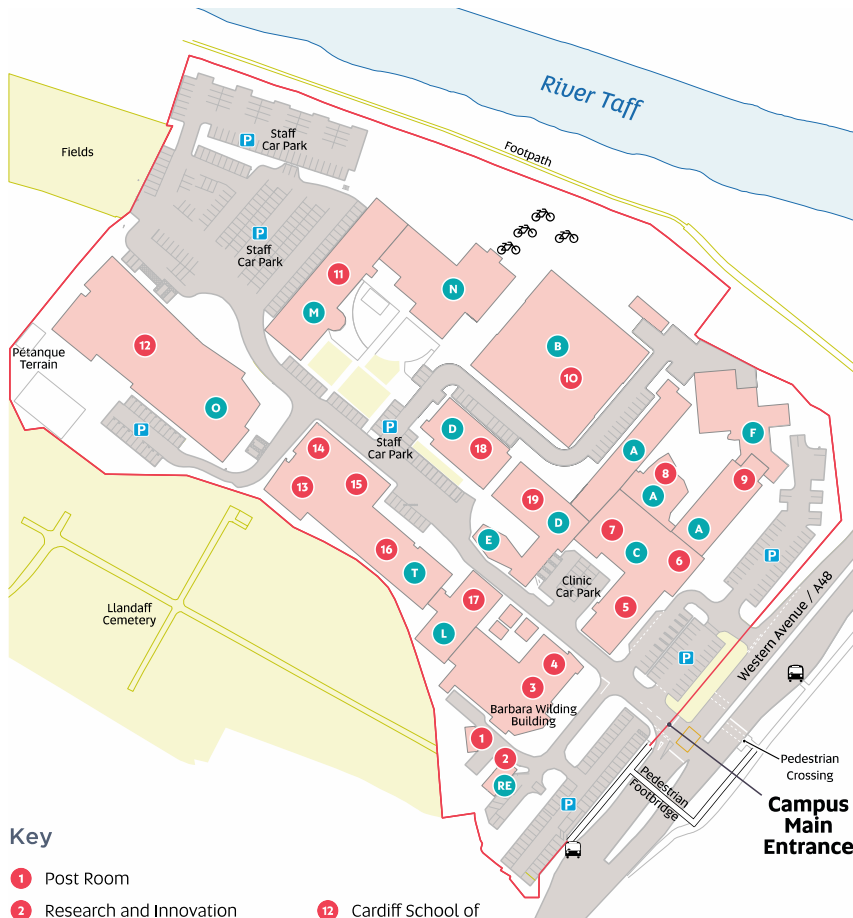


Key

- | | | |
|------------------------------------|----------------------------|---------------------|
| 1 Main Reception and K1 Restaurant | 14 Stuttgart (Halls) | 27 The Bench Cafe |
| 2 Lecture Theatre 4 | 15 Baltimore (Halls) | 28 Russell Rees Gym |
| 3 Learning Centre | 16 Nantes (Halls) | 29 V Block |
| 4 Stradling (Halls) | 17 Queenswood | 30 Syd Arron Gym |
| 5 Herbert (Halls) | 18 Neville (Halls) | 31 The Track Cafe |
| 6 Fitzhamon (Halls) | 19 Sports Hall | 32 i-Zone |
| 7 Bungalow (Halls) | 20 Pool | P Parking |
| 8 College House | 21 Athletes House | 🚲 Bike Rack |
| 9 Thomas House (Halls) | 22 Lecture Theatre 1 and 2 | 🚌 Bus Stop |
| 10 Warwick House and Halls Office | 23 Student Union | |
| 11 Clare (Halls) | 24 Dance Studio | |
| 12 Bute (Halls) | 25 Research House | |
| 13 Ellis (Halls) | 26 Gym Studios | |



Llandaff Campus



Key

- | | | |
|--|-------------------------------------|--|
| 1 Post Room | 12 Cardiff School of Management CSM | P Parking |
| 2 Research and Innovation | 13 IT Help Desk | 🚲 Bike Rack |
| 3 Student Hub | 14 School of Dental Technology | 🚌 Bus Stop |
| 4 Gym (First Floor) | 15 Global Engagement | 2 · City Circle |
| 5 Podiatry | 16 Biomedical Sciences CSSHS | 15 · Heath Hospital to Central Station |
| 6 Main Reception & i-Zone | 17 Learning Centre | |
| 7 Main Halls | 18 Food Industry Centre FIC | |
| 8 Lecture Theatre AO.31 | 19 School of Health Sciences CSSHS | |
| 9 Cardiff School of Technologies CST | | |
| 10 Cardiff School of Art and Design CSAD | | |
| 11 Maritime House | | |

