



BUCKINGHAMSHIRE
NEW UNIVERSITY

EST. 1891



COURSE WELCOME PACK



Welcome to Buckinghamshire New University!

We are looking forward to you joining **MSc Data Science** in April.

In case you need a reminder or have missed anything, here are links to important information you will need before you join us:

[Enrolment](#)

[Digital and Technical Services](#)

[Disability and Inclusion Service](#)

[Bucks Students' Union](#)

[Our new student checklist can be found here.](#)

Looking for something in particular? Here are quick links to areas of this document:

[Your Induction](#)

[About Your Course](#)

[Your Course Leader](#)

[Your Pre-Joining Project](#)

[Your Kit List](#)

[Student ID Photo](#)

[Accommodation](#)

YOUR INDUCTION AT BNU

Your Welcome and Induction activity will take place on **Thursday 9th April and Friday 10th April at our High Wycombe Campus. You are expected to attend in-person on both days** so that you can complete your enrolment and have all the information you need before your teaching starts.

Please arrive no later than 9.30am on Thursday 9th April and 9am on Friday 10th April. When you arrive make your way to the desk that will be outside the entrance to Gateway building. On Thursday 9th April your day will finish by 1.00pm and on Friday 10th April you will be here until 4.30pm.

Further information will be on the [Welcome Page](#) on our website so please check that regularly.

ABOUT YOUR COURSE

Learners deciding to undertake a Masters or Postgraduate course will normally have a first Degree and / or some meaningful work experience. There may be different reasons to sign up for such a course; you will certainly be committed to expanding and deepening your technical knowledge and perhaps you are looking to develop competence in a specialist area that matches your future career dreams? Or you may want to move into academia or research? Whatever your motivation, a Masters programme is a great way to develop new knowledge and skills towards achieving your ambitions.

Data science is the driving force behind today's digital world, influencing every aspect of our lives, from medicine and healthcare to industrial applications, global trade, transportation, communications, entertainment, and security. It encompasses the development of methods for recording, storing, and analysing data to extract valuable insights. With the rapid advancement of computing technology, data science has become one of the fastest-growing fields globally, and the demand for skilled data scientists continues to rise. Complex datasets can be subjected to statistical analysis and computational processing to uncover meaningful information that supports decision-making.



Data scientists are highly sought after due to their ability to analyse data and apply various analytics techniques to identify patterns, trends, and relationships within data sets. Their analysis of big data can yield insights applicable across numerous industries. For example, businesses can predict and capitalise on consumer behaviours, banks can enhance fraud detection, investors can leverage big data and artificial intelligence to make informed investment decisions, and pharmaceutical companies can expedite drug development through advanced data analysis.

Our comprehensive and structured approach to data science on this Master's programme provides students with a deep understanding of both theoretical concepts and practical skills, equipping them to solve real-world, critical challenges. Students will engage with systems at various levels of abstraction, including big data system architectures, data processing and programming, artificial intelligence, and database management.

The MSc Data Science programme is designed to prepare learners for careers as professional data scientists, particularly in environments where specialised knowledge, critical thinking, proficiency with computer hardware and applications, software engineering, and advanced data science are essential for the development of complex data-driven information systems.

In addition to the broad educational objectives of the programme, a key focus is to provide graduates with the foundational engineering skills needed for designing, programming, constructing, debugging, and testing intricate systems. To support this goal, we have integrated numerous opportunities throughout the curriculum for learners to develop and practice these essential skills.

We hope that you will enjoy your educational journey at BNU!

YOUR COURSE LEADER

Your course leader is Kompel Campion who can be contacted via kompel.campion@bnu.ac.uk.

YOUR PRE-JOINING PROJECT

Whilst there is no formal requirement to do certain preparation work, you might like to get a head start by:

- Doing some background reading for a Computer Science topic (such as software engineering, data storage, data manipulation, operating systems, networking and the internet, database systems, artificial intelligence, theory of computation).
- Finding out (or refreshing your memory) about the basics of Python programming.

YOUR KIT LIST

To respond to the frequently asked question "Do I need to own a laptop to take this course?"

You are not obliged to bring a laptop as all software is installed in the labs which are accessible 24/7 during term-time. However, many students do bring and work on their laptops and you'll find this is very common amongst computer scientists, data scientists, machine learning engineers, cyber security professionals and software engineers.



PLEASE SEND US A PHOTO!

You will need to email us a head and shoulders photograph of yourself before you start at BNU. This photo should be in a JPEG format and sent to students@bnu.ac.uk with the subject line "Student ID." Please include the following information in your email:

- Your student ID (if you know it)
- Your full name (include all forenames and surname)
- Your date of birth
- The name of the course you will be starting

ACCOMMODATION

Looking for accommodation?

We still have a few limited spaces available in our halls, don't miss out! Spaces are allocated on a first-come, first-served basis and please note that at this time of year, we cannot guarantee accommodation availability.

Need help with private sector housing?

We can guide you through the process and even offer contract checking for your peace of mind.

For any accommodation enquiries, please email us at accommodation@bnu.ac.uk.

FIND YOUR WAY AROUND CAMPUS!

Use **MazeMap**, our campus wayfinding app for High Wycombe, to quickly get to your classroom, the library, workshops, and more. Download the MazeMap mobile app from your app store, then [click this URL](#) to access BNU profile to start navigating.

FOLLOW US!

Before you arrive to start your course at BNU, why not check out our social media feeds to see what we are doing. You can keep up with what is happening at the [BNU Computing and AI Research Group](#).

If you have any general questions before you start please contact welcome@bnu.ac.uk, or for course specific questions please get in touch with me via kompel.campion@bnu.ac.uk.

We look forward to welcoming you soon!

Kompel Campion
Course Leader, MSc Data Science

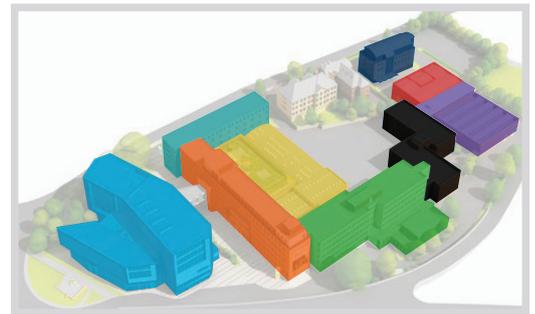
We will consider any request for accessible formats that may be required. Please send your request to welcome@bnu.ac.uk.



High Wycombe Campus



- Gateway Building (e.g. G.1.01)
- East Wing (e.g. E.1.01)
- Dove
- South Wing (e.g. S.1.01)
- North Wing (e.g. N.1.01)
- Timberlake (e.g. T.1.01)
- West Wing (e.g. WW.1.01)
- Red Shed
- Owen Harris (e.g. OH.1.01)



Key locations on campus

Gateway Building (e.g. G.1.01)

- + Security and First Aid Hub
- + School of Business and Law
- + School of Creative and Digital Industries
- + Dance Studio / Drame Studio
- + Events Hall
- + Garden Cafe
- + Gateway Gym
- + Gateway Lecture Theatre

East Wing (e.g. E.1.01)

- + Main Reception Entrance
- + Apprenticeships Hub
- + Dance Studios

Dove

- + School of Engineering and the Built Environment
- + A&E Simulation Centre
- + Atrium / Student Hub
- + Beeches Cafe
- + Radiography Lab
- + Roof Garden
- + Winter Garden

South Wing (e.g. S.1.01)

- + School of Health and Social Care Professions
- + School of Human and Social Sciences
- + Health Hub
- + Running Track
- + Sports Clinic

North Wing (e.g. N.1.01)

- + Students' Union
- + Accommodation Hub
- + Counselling Service
- + Teaching Rooms

Timberlake (e.g. T.1.01)

- + Graphic Design Suites
- + Workshops

West Wing (e.g. WW.1.01)

- + Dance Studios
- + Acting and Theatre
- + Teaching rooms

Red Shed

- + School of Art, Design and Performance
- + Art Studios
- + Textile Studios

Owen Harris (e.g. OH.1.01)

- + Lecture Theatres

In you require further assistance please visit the main reception

bnu.ac.uk



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High Wycombe Campus

Queen Alexandra Road
High Wycombe
Buckinghamshire HP11 2JZ

Aylesbury Campus

Walton Street
Aylesbury
Buckinghamshire HP21 7QG

Uxbridge Campus

106 Oxford Road
Uxbridge
Middlesex UB8 1NA

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