

Level 7 Research Scientist (MSc Data Science Professional) Degree Apprenticeship January Starters Teaching Block 1: First Year

Welcome

Welcome to the Level 7 Research Scientist (MSc Data Science Professional) Degree Apprenticeship programme here at the University of Exeter. Over the next three years, you will complete the learning outcomes for the Master of Science as well as demonstrating your achievement of the Knowledge, Skills and Behaviours recognised in the Apprenticeship Standard as essential to a role within research sciences.

Your programme director is [Dr Chunbo Luo](#). You will have opportunity to meet him, as well as the module leads, academic mentors and professional services colleagues, during your first teaching block.

We appreciate the challenging circumstances we find ourselves in but are looking forward to welcoming you to the University community and to your first study block.

Programme Structure

During your first year, you will study four taught core modules. In year 2, you will complete a further two core modules alongside an optional module and a work-based project. In your final year, you will complete the End Point Assessment in order to gain the apprenticeship for the course, and finally a Research Project which will be the last module to gain the MSc award. This is detailed below:

	Jan - April	April - Sept	Sept - Jan
Year One	Introduction to Data Science (15 Credits)	Fundamentals of Data Science (15 Credits)	Learning from Data (15 Credits)
	Professional Practice 1 (15 Credits)		
Year Two	Data in Business and Society (15 Credits)	Option Module* (15 Credits)	Work Based Project (15 Credits)
	Professional Practice 2 (15 Credits)		
Year Three	End Point Assessment (0 Credits)	MSc Data Science Research Project (60 Credits)	

*Option modules available may alter. Current option modules include: Machine Learning, Statistical Modelling, Social Networks and Text Analysis; and Machine Vision. Please note, each option module will require a minimum of 10 people for it to run.

The University uses a Virtual Learning Environment, known locally as ELE (Exeter Learning Environment) to support module teaching. You can access ELE here: vle.ex.ac.uk and log in with your university IT credentials.

Points of Contact

As well as the module leads, the following people will be able to support your studies or signpost you to appropriate university resources.

Apprenticeship Student Support Team

Matt Peirce - Admin.apprenticeships@exeter.ac.uk

Sarah Niles (CEMPS team lead) - Admin.apprenticeships@exeter.ac.uk

The ESS team can assist with signposting to services such as wellbeing, ELE access (in the first instance), breaks in learning, mitigation requests and coursework submission/module queries. Should you have any questions, please contact them on the shared inbox listed above.

University Mentors

There are three dedicated mentors for the Data Science programme. You will each be assigned to one of them who will act as a personal tutor & pastoral support as well as being a point of contact for you and your employer mentor to discuss your progress against the apprenticeship standard.

Sophie Cowie - S.M.Cowie@exeter.ac.uk

Avon Huxor - A.Huxor@exeter.ac.uk

Dan Hallam - dh506@exeter.ac.uk

January teaching block:

- All teaching starts promptly at 9am and will be taking place in the [SWiOT building](#). This building is brand new and can be found on the [campus map](#) in square 4I (Building 92).
- There is very little car parking on campus, and we would strongly advise you to arrive on foot or by public transport. Information on parking can be found [here](#).
- The expectation is that apprentices will attend campus for teaching however for those who are exempt, or unable to attend in person the teaching links can be found in the below schedule.

Monday 24th January 2022 (OTJ= 7.5 hours)

[Click here to join the meeting](#)

0900	1000	Welcome	
1015	1045	Mentor Introduction and Admin Overview	
1045	1130	Onfile Introduction and logging 'Off The Job'	
1145	1245	Data Science Inspiring Lectures	
1245	1400	Lunch	
1400	1445	Academic Skills	
1500	1530	Prevent/Safeguarding/Universal Values	
1530	1615	Mentor Session	
1630	1730	Introduction to SWIoT and tour of the campus	This session is not available for livestreaming

Tuesday 25 th January 2022 (OTJ= 7.5 hours)			
0900	1200	COMM414DA – Introduction to Data Science - https://Universityofexeter.zoom.us/j/2980672566?pwd=OWpnWTh1NFFDOHB0anQvejlDb0Z0QT09	
1200	1300	Lunch	
1300	1400	COMM414DA – Introduction to Data Science https://Universityofexeter.zoom.us/j/2980672566?pwd=OWpnWTh1NFFDOHB0anQvejlDb0Z0QT09	
1400	1730	Guided Independent Study	

Wednesday 26 th January 2022 (OTJ= 7.5 hours)			
0900	1200	COMM414DA – Introduction to Data Science https://Universityofexeter.zoom.us/j/2980672566?pwd=OWpnWTh1NFFDOHB0anQvejlDb0Z0QT09	
1200	1300	Lunch	
1300	1400	COMM414DA – Introduction to Data Science https://Universityofexeter.zoom.us/j/2980672566?pwd=OWpnWTh1NFFDOHB0anQvejlDb0Z0QT09	
1400	1730	Guided Independent Study	

Software and Resource Requirements

1. Access to various websites including Exeter Learning Environment [ELE](#). Your module pages will be added once your course begins
2. The [Library](#)'s electronic resources
3. [OneFile](#) – You will soon receive an individual email prior to starting with your Onefile login details
4. Zoom video conferencing - via University of Exeter portal: <https://universityofexeter.zoom.us> for simple web browser access, or to download the full Desktop client. The Zoom Support link provides instructional material
5. Microsoft Teams via University of Exeter network: <https://www.microsoft.com/en-gb/microsoft-365/microsoft-teams/download-app>. It may well be the case that the Employer will provide Teams as part of their set-up of the device. However, to access UoE Channels you may need to logout of your Employer account and sign in to Teams using their UoE account.