

## MSc Data Science timetable 2024/25

### Term dates

Teaching takes place over three terms. For term dates and closure dates please consult our [website](#). College Exams take place during the week prior to the first week of Spring and Summer terms.

### Locations

Personal timetables, including the teaching venues, are provided through [My Birkbeck](#). You are advised to check your personal timetable before each lecture because room bookings can change at short notice.

### Teaching delivery

The Faculty has a mix of in-person, online, and flexible delivery in the coming academic year. This is module specific and details will be provided on the [Moodle](#) page and your timetable for each module.

### Timetable

Students complete five compulsory modules, 45 credits worth of optional modules, and a [project](#) over the course of one or two academic years depending on mode of study.

### October entry, 2-year part-time

In 2024/25, first year part-time students follow only the compulsory modules listed below.

Term	Day	Time	Module
Autumn	Mon	18:00-21:00	<a href="#">Principles of Programming</a>
Autumn	Thu	18:00-21:00	<a href="#">Analytical Foundations of Data Science</a>
Spring	Mon	18:00-21:00	<a href="#">Data Analytics using R</a>

Students are strongly advised to take the optional module Applied Machine Learning in their first year as it provides the foundation for more advanced options such as Neural Networks and Deep Learning.

In 2024/25, second year part-time students follow the compulsory modules listed below, one optional module, and a [project](#).

Term	Day	Time	Module
Autumn	Tue	18:00-21:00	<a href="#">Data and Knowledge Management</a>
Summer	Tue	18:00-21:00	<a href="#">Data Science Techniques and Applications</a>

**October entry, 1-year full-time**

Term	Day	Time	Module
Autumn	Tue	14:00-17:00	<a href="#">Analytical Foundations of Data Science</a>
Autumn	Wed	14:00-17:00	<a href="#">Principles of Programming</a>
Autumn	Thu	14:00-17:00	<a href="#">Data and Knowledge Management</a>
Spring	Mon	14:00-17:00	<a href="#">Data Analytics using R</a>
Summer	Mon	14:00-17:00	<a href="#">Data Science Techniques and Applications</a>

October entry full-time students may study in the evening alongside the part-time cohort, but doing so will limit the optional modules available to them due to timetabling constraints.

**January entry, 1-year full-time**

Term	Day	Time	Module
Autumn	Thu	14:00-17:00	<a href="#">Data and Knowledge Management</a>
Spring	Mon	14:00-17:00	<a href="#">Data Analytics using R</a>
Spring	Tue	14:00-17:00	<a href="#">Analytical Foundations of Data Science</a>
Spring	Wed	11:00-14:00	<a href="#">Principles of Programming</a>
Summer	Mon	14:00-17:00	<a href="#">Data Science Techniques and Applications</a>

**Optional modules 2024/25**

Term	Day	Time	Module	Credits
Autumn	Mon	18:00-21:00	<a href="#">Information and Network Security</a>	15
Autumn	Tue	18:00-21:00	<a href="#">Financial Modelling and Data Science</a> <sup>a b c</sup>	30
Autumn	Wed	18:00-21:00	<a href="#">Natural Language Processing and Information Retrieval</a>	15
Autumn	Thu	18:00-21:00	<a href="#">Cloud Computing</a>	15

Spring	Tue	18:00-21:00	<a href="#">Advances in Data Management</a> <sup>a</sup>	15
Spring	Tue	18:00-21:00	<a href="#">Financial Modelling and Data Science</a> <sup>a b c</sup>	30
Spring	Wed	18:00-21:00	<a href="#">Statistical Learning</a> <sup>b</sup>	15
Spring	Thu	18:00-21:00	<a href="#">Applied Machine Learning</a>	15
Summer	Wed	14:00-17:00	<a href="#">Big Data Analytics</a>	15
Summer	Thu	14:00-17:00	<a href="#">Neural Networks and Deep Learning</a>	15

<sup>a</sup> Only available to students on October entry routes due to timetabling constraints

<sup>b</sup> Programme Director approval required

<sup>c</sup> 30-credit module taught across two terms

### Optional modules 2025/26

Term	Day	Time	Module	Credits
Autumn	Mon	14:00-17:00	<a href="#">Information and Network Security</a>	15
Autumn	Tue	18:00-21:00	<a href="#">Financial Modelling and Data Science</a> <sup>a b c</sup>	30
Autumn	Wed	18:00-21:00	<a href="#">Natural Language Processing and Information Retrieval</a>	15
Autumn	Thu	14:00-17:00	<a href="#">Cloud Computing</a>	15
Spring	Tue	14:00-17:00	<a href="#">Advances in Data Management</a> <sup>a</sup>	15
Spring	Tue	18:00-21:00	<a href="#">Financial Modelling and Data Science</a> <sup>a b c</sup>	30
Spring	Wed	18:00-21:00	<a href="#">Statistical Learning</a> <sup>b</sup>	15
Spring	Thu	14:00-17:00	<a href="#">Applied Machine Learning</a>	15
Summer	Wed	14:00-17:00	<a href="#">Big Data Analytics</a>	15
Summer	Thu	14:00-17:00	<a href="#">Neural Networks and Deep Learning</a>	15

<sup>a</sup> Only available to students on October entry routes due to timetabling constraints

<sup>b</sup> Programme Director approval required

<sup>c</sup> 30-credit module taught across two terms