

BSc Data Science Timetable 2018-19

Term Dates

Autumn Term: Monday 1st October 2018 - Friday 14th December 2018

Spring Term: Monday 14th January 2019 - Friday 29th March 2019

Summer Term: Monday 29th April 2019 - Friday 12th July 2019

Credits

Students must obtain at least 360 credits of which at least 120 credits must be at level 6. The total value of the modules taken in a single year should not exceed 120 credits. In this timetable, modules which are taught in a single term have a value of 15 credits. Modules which are taught over two terms have a value of 30 credits. The final year project, which is compulsory but not timetabled, is level 6 and has a value of 30 credits.

Locations

Information about locations can be found in your MyBirkbeck profile teaching timetable. You are advised to check before each lecture because room bookings can change at short notice.

All modules shown below are taught from 6.00-9.00pm, unless indicated otherwise.

Compulsory Modules

Year 1

Autumn Term				
Day	Module	Lecturers	Prerequisites	Level
Mon	Mathematics for Computing	Paul Newman	None	4
Tue	Introduction to Programming	Steve Maybank	None	4
Wed	Introduction to Database Technology	Various	None	4
Spring Term				
Day	Module	Lecturers	Prerequisites	Level
Mon	System Analysis and Design I	Taolue Chen	None	4
Tue	Introduction to Computer Systems	Steve Maybank	None	4
Thu	Foundations of Data Science I	Felix Reidl	ITP	4

Year 2

Autumn Term				
Day	Module	Lecturers	Prerequisites	Level
Wed	Foundations of Data Science II	TBC	FDSI	5
Thu	Software Engineering I	Taolue Chen	SADI	5
Fri	Data Structures and Algorithms	Igor Razgon	ITP or SP1	5
Spring Term				
Day	Module	Lecturers	Prerequisites	Level
Wed	System Analysis and Design II	Andrea Cali	SADI	5
Thu	Software and Programming I	Roman Kontchakov	ITP	5
Fri	Computer Networking	Andrea Cali	None	5

Year 3

Autumn Term				
Day	Module	Lecturers	Prerequisites	Level
Mon	Information Security	Igor Razgon	None	6
Tue	Introduction to Data Analytics using R	Tingting Han	None	6
Spring Term				
Day	Module	Lecturers	Prerequisites	Level
Tue	Software Engineering II	Stelios Sotiriadis	SE I	6
Wed	Database Management	Peter Wood	SADI, SADII, ITP, ICS	6

Students must select 30 credits of optional modules.

Year 4

Autumn Term				
Day	Module	Lecturers	Prerequisites	Level
Tue	Professional Issues in Computing	Brian Gannon	None	6
Spring Term				
Day	Module	Lecturers	Prerequisites	Level
Wed	Data Science Application and Techniques	Alessandro Provetti		6
Thu	Concepts of Machine Learning	George Magoulas	FDSII	6

Students must select 45 credits of optional modules. Students will also complete a 30 credit project.

Optional Modules

Autumn Term				
Day	Module	Lecturers	Prerequisites	Level
Mon	Introduction to Semantic Technologies (daytime teaching 14:00-17:00)	Michael Zakharyashev	None	6
Wed	Programming Language Paradigms	Keith Mannock	SP2	6
	Software and Programming II	Carsten Fuhs	SP1	6
Thu	Interactive Systems Design	George Magoulas	SADI	6
Thu	Calculus 2 (The second half of this 30 credit module runs in the spring term)	Department of Economics, Mathematics and Statistics	A-Level Mathematics	5

Spring Term				
Day	Module	Lecturers	Prerequisites	Level
Thu	Software and Programming III	Keith Mannock	SP2, primer course	6
Thu	Calculus 2 (The first half of this 30 credit module runs in the autumn term)	Department of Economics, Mathematics and Statistics	A-Level Mathematics	5
Fri	Cloud Computing Concepts	Dell Zhang	SP2	6