

BSc Computing Full-time Timetable 2020-21

Term Dates

- Autumn term: 5 October 2020 – 18 December 2020.
- Spring term: 11 January 2021 – 26 March 2021.
- Summer term: 26 April 2021 – 9 July 2021.

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.

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 18.00 to 21.00, unless indicated otherwise.

Year 1

Autumn Term

Day	Module	Lecturers	Prerequisites	Level
Mon	Mathematics for Computing (daytime teaching 14:00-17:00)	Oded Lachish	None	4
Tue	Introduction to Programming (daytime teaching 14:00-17:00)	Tingting Han	None	4
Thu	Introduction to Web Authoring	Various	None	4

Spring Term

Day	Module	Lecturers	Prerequisites	Level
Tue	Introduction to Computer Systems	Keith Mannock	None	4
Thu	Software and Programming I (daytime teaching 14:00-17:00)	Carsten Fuhs	None	5
Fri	Computer Networking	Andrea Cali	None	5
Fri	Systems Analysis and Design I (daytime teaching 14:00-17:00)	Felix Reidl	None	4

Summer Term

Day	Module	Lecturers	Prerequisites	Level
Mon	Web Programming using PHP	Various	IWA, PSP or JS	5

Year 2

Autumn Term

Day	Module	Lecturers	Prerequisites	Level
Tue	Professional Issues in Computing	Brian Gannon	None	6
Wed	Software and Programming II	Carsten Fuhs	SP1	6
Thu	Software Engineering I	Taolue Chen	None	5
Fri	Data Structures and Algorithms	Igor Razgon	ITP or SP1	5

Spring Term

Day	Module	Lecturers	Prerequisites	Level
Mon	Computer Organisation and Systems Software	Cen Wan	ICS	5
Wed	Systems Analysis and Design II	Andrea Cali	SAD1	5

Students must select 30 credits of optional modules.

Year 3

Autumn Term

Day	Module	Lecturers	Prerequisites	Level
Mon	Information Security	Igor Razgon	None	6

Spring Term

Day	Module	Lecturers	Prerequisites	Level
Mon	Database Management	Peter Wood	ITP, ICS, SAD1, SAD2	6
Tue	Software Engineering II	Jan Hidders	SE1	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	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
Mon	Introduction to the Semantic Technologies (daytime teaching 14:00-17:00)	Michael Zakharyashev	None	6
Mon	JavaScript	Various	IWA, PSP	5
Mon	Wireless and Mobile Computing	George Roussos	SP1, SP2, CN, IS recommended	6
Mon	Mobile Web Application Development	Various	IWA, JavaScript	5
Tue	Introduction to Data Analytics using R (daytime teaching 13:30-16:30 or evening teaching 18:00-21:00)	Cen Wan	ITP or SP1	6
Wed	Programming Language Paradigms	Keith Mannock	SP2	6
Thu	E-business	George Roussos	None	5
Thu	Organizational Behaviour	Department of Organizational Psychology	None	5

Spring Term

Day	Module	Lecturers	Prerequisites	Level
Mon	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
Mon	Web Data with XML, JSON and AJAX	Various	IWA, JV	5
Mon	Principles of Geographical Information Systems (30 credit module)	Department of Geography	None	6
Tue	Mobile Web Application Development	Various	IWA, JavaScript	5
Tue	Software and Programming III (daytime teaching 13:30-17:00)	Keith Mannock	SP2, primer course	6
Tue	Advanced Web Authoring	Various	IWA or knowledge of HTML & CSS	5
Thu	Concepts of Machine Learning	George Magoulas	Knowledge of mathematical concepts	6
Thu	JavaScript		IWA, PSP	5
Thu	Software and Programming III	Keith Mannock	SP2, primer course	6
Fri	Cloud Computing Concepts	Stelios Sotiriadis	SP2	6

Summer Term

Day	Module	Lecturers	Prerequisites	Level
Tue	JavaScript	Various	IWA, PSP	5
Wed	Web Data with XML, JSON and AJAX	Various	IWA, JV	5
Thu	Advanced Web Authoring	Various	IWA or equivalent, knowledge of HTML, CSS and web design	5
Fri	Commercial Law for Business	Karin Shields, Hazel Dawe	None	5