



University of Glasgow | School of
Computing Science

MSc IT+ Handbook 2022-2023

MSc Information Technology

MSc Software Development

Disclaimer

Although the information contained in this document is believed to be accurate at the time of writing, changes in circumstances may require modifications during the year.

Last Updated 24 August 2022

Programme Information

We offer two one-year taught Masters conversion programmes, known collectively as **MSc IT+**:

- MSc Information Technology
- MSc Software Development

These are designed for graduates who have good undergraduate degrees in subjects other than core computing and who wish to acquire advanced IT skills.

For the official degree structure of all programmes, please see:

<http://www.gla.ac.uk/postgraduate/taught/>

Essential Contacts

Student Support and Enquiries Office

Opening Hours: Monday – Friday from 09:00 – 16:30

Enquiries: [SoCS Helpdesk](#)

Office: Ground floor, Sir Alwyn Williams Building

Dr Christos Anagnostopoulos

MSc (IT+) Programme Director

Email: Christos.Anagnostopoulos@glasgow.ac.uk

Office: Room S114, Sir Alwyn Williams Building

Dr Euan Freeman

Deputy Director for MSc Programmes

Email: Euan.Freeman@glasgow.ac.uk

Office: Room 220A, Sir Alwyn Williams Building

Dr Mark McGill

MSc (IT+) Projects Coordinator

Email: Mark.McGill@glasgow.ac.uk

Office: Sir Alwyn Williams Building

MSc Information Technology

Information Technology is everywhere. Graduates equipped with advanced IT skills enjoy a significant advantage in pursuing their careers, whatever their degree subjects. Our MSc Information Technology programme teaches non-computing graduates the skills needed to develop substantial software application systems, including web-based applications and information systems.

Weeks		
0	Orientation	Enrolment
1 to 11	Semester 1	<p>Mandatory:</p> <ul style="list-style-type: none"> • Programming COMPSCI4039 (20 credits) • Enterprise Cyber Security COMPSCI5077 (15 credits) • Systems and Networks COMPSCI4043 (10 credits) • Database Theory and Application COMPSCI5076 (10 credits) • Software Engineering COMPSCI5059 (5 of 15 credits) <p>Note: Software Engineering is taught in both semesters, for 15 total credits.</p>
12 to 13	Revision / Exams	All Semester 1 courses will be examined at this time.
14 to 16	Vacation	
17 to 27	Semester 2	<p>Mandatory (all 10 credits):</p> <p>Software Engineering (10 of 15 credits) COMPSCI5059 MSc IT+ Team Project (M) COMPSCI5074</p> <p>Electives (all 10 credits, choose <u>four</u>):</p> <p>Advanced Programming (M) COMPSCI5002 Algorithms & Data Structures (M) COMPSCI5004 CyberSecurity Fundamentals for MSc COMPSCI5063 Internet Technology (M) COMPSCI5012 Human Computer Interaction Design & Evaluation (M) COMPSCI5057 Information Visualisation (M) COMPSCI5099 Cryptography and Secure Development COMPSCI5079 Forensics (M) COMPSCI5080</p> <p>Note: Software Engineering is taught in both semesters, for 15 total credits.</p>
28 to 30	Vacation	
31 to 35	Revision / Exams	All Semester 2 courses will be examined at this time.
36 to 38	Vacation	
39 to 50	Semester 3	MSc Project For Information Technology+ COMPSCI5018P (60 credits)

MSc Software Development

If you have a good undergraduate degree in a subject other than computing and you want to learn how to develop high-quality software, then our MSc Software Development programme is designed for you.

Weeks																						
0	Orientation	Enrolment																				
1 to 11	Semester 1	<p>Mandatory:</p> <ul style="list-style-type: none"> • Programming COMPSCI4039 (20 credits) • Enterprise Cyber Security COMPSCI5077 (15 credits) • Systems and Networks COMPSCI4043 (10 credits) • Database Theory and Application COMPSCI5076 (10 credits) • Software Engineering COMPSCI5059 (5 of 15 credits) <p>Note: Software Engineering is taught in both semesters, for 15 total credits.</p>																				
12 to 13	Revision / Exams	All Semester 1 courses will be examined at this time.																				
14 to 16	Vacation																					
17 to 27	Semester 2	<p>Mandatory (all 10 credits):</p> <table> <tr> <td>Software Engineering (10 of 15 credits)</td> <td>COMPSCI5059</td> </tr> <tr> <td>MSc IT+ Team Project (M)</td> <td>COMPSCI5074</td> </tr> <tr> <td>Advanced Programming (M)</td> <td>COMPSCI5002</td> </tr> <tr> <td>Algorithms & Data Structures (M)</td> <td>COMPSCI5004</td> </tr> </table> <p>Electives (all 10 credits, choose <u>two</u>):</p> <table> <tr> <td>CyberSecurity Fundamentals for MSc</td> <td>COMPSCI5063</td> </tr> <tr> <td>Internet Technology (M)</td> <td>COMPSCI5012</td> </tr> <tr> <td>Human Computer Interaction Design & Evaluation (M)</td> <td>COMPSCI5057</td> </tr> <tr> <td>Information Visualisation (M)</td> <td>COMPSCI5099</td> </tr> <tr> <td>Cryptography and Secure Development</td> <td>COMPSCI5079</td> </tr> <tr> <td>Forensics (M)</td> <td>COMPSCI5080</td> </tr> </table> <p>Note: Software Engineering is taught in both semesters, for 15 total credits.</p>	Software Engineering (10 of 15 credits)	COMPSCI5059	MSc IT+ Team Project (M)	COMPSCI5074	Advanced Programming (M)	COMPSCI5002	Algorithms & Data Structures (M)	COMPSCI5004	CyberSecurity Fundamentals for MSc	COMPSCI5063	Internet Technology (M)	COMPSCI5012	Human Computer Interaction Design & Evaluation (M)	COMPSCI5057	Information Visualisation (M)	COMPSCI5099	Cryptography and Secure Development	COMPSCI5079	Forensics (M)	COMPSCI5080
Software Engineering (10 of 15 credits)	COMPSCI5059																					
MSc IT+ Team Project (M)	COMPSCI5074																					
Advanced Programming (M)	COMPSCI5002																					
Algorithms & Data Structures (M)	COMPSCI5004																					
CyberSecurity Fundamentals for MSc	COMPSCI5063																					
Internet Technology (M)	COMPSCI5012																					
Human Computer Interaction Design & Evaluation (M)	COMPSCI5057																					
Information Visualisation (M)	COMPSCI5099																					
Cryptography and Secure Development	COMPSCI5079																					
Forensics (M)	COMPSCI5080																					
28 to 30	Vacation																					
31 to 35	Revision / Exams	All Semester 2 courses will be examined at this time.																				
36 to 38	Vacation																					
39 to 50	Semester 3	MSc Project For Information Technology+ COMPSCI5018P (60 credits)																				

Changing MSc Programme

Under certain circumstances, the following programme/course changes may be possible, subject to availability and with permission from the relevant Programme Directors.

Please remember that the degree that you have been given an offer for is the one you have applied for, and for which we have determined you are suitable for. Please do not change degree programme simply because you can – think carefully about what it means and the possible implications it may have on your employability prospects. Please also think about what it means with respect to any visa, scholarship or employment documentation or constraints you might have that are specifically associated with the name of your original degree programme.

Please note that you can only change your programme once and may only change programme *after* you have completed enrolment.

Requests for programme change must come from your University of Glasgow email address (@student.gla.ac.uk); all other requests will be ignored.

From	To	Information
Any	MSc DS	This is not possible; the MSc Data Science programme is full.
MSc IT+	MSc CS+	Send your email request to the MSc CS+ Programme Director before the end of Week 2 . A decision will be made based on your application information. Note that only students whose undergraduate transcript includes a very high proportion of appropriately advanced academic Computing Science subjects will be considered for this change.
MSc IT	MSc SD	You can make this decision at the end of Semester 1. Please email your request to the MSc IT+ Programme Director before the end of Week 17 .
MSc SD	MSc IT	You can make this decision at the end of Semester 1. Please email your request to the MSc IT+ Programme Director before the end of Week 17 .