

MSc ADVANCED SOFTWARE ENGINEERING (G5K309)

1. Programme offered at: Durham
2. Mode of study: MSc full-time (12 months)
3. Programme of study:

Module	Code	Credits	Core (C) or Optional (O)	Level
All modules in Section A and modules to the value of 60 credits from Section B				
SECTION A				
Advanced Java Systems with UML-based Design	COMP50915	15	C	4
Advances in Software Engineering +	COMP40615	15	C	4
New Initiatives from Software Engineering Research +	COMP40715	15	C	4
Research Methods and Professional Issues	COMP50415	15	C	4
Dissertation	COMP51760	60	C	4
SECTION B				
Parallel Programming for High-Performance Computing	COMP40815	15	O	4
Advanced Principles of Distributed Computing	COMP51015	15	O	4
Semantic Web and Web Information Systems	COMP51615	15	O	4
Embedded Systems and Networking	COMP51115	15	O	4
Enterprise and Distributed Systems	COMP50715	15	O	4
Pervasive Computing: Mobile, Wireless and Distributed Applications	COMP51415	15	O	4
Distributed Systems: Future Trends and Research	COMP51515	15	O	4
Internet Business and Marketing Structures	COMP50115	15	O	4
Visualisation and VR for Distributed Systems	COMP51315	15	O	4
Security and Fault Tolerance	COMP51215	15	O	4
Software Dependability	COMP40115	15	O	4
Information Search on the WWW	COMP40215	15	O	4
Multimedia Compression	COMP40315	15	O	4
Web Technology	COMP50515	15	O	4

4. Students who have passed Advanced Software Engineering, [COMP3152](#) (double module) may not enrol in this program.
5. If a candidate fails a module he/she may be given an opportunity to resit the relevant examination(s) before the end of the academic year at a time to be determined by the Department.

+ Students who have passed Advanced Software Engineering, [COMP3221](#) (single module) must attend new strands of Advances Software Engineering, [COMP40615](#) and New Initiatives from Software Engineering Research ([COMP40715](#)). Topics from [COMP3221](#) may not be repeated.