

Zarqa University
Faculty of Information Technology
Software Engineering Department



Document code	Mapping course intended learning outcomes into program outcomes and level descriptors of JNQF	Approval date

Program	Master of Software engineering	Department	Software engineering
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		Program intended learning outcomes required to be achieved according to JNQF													
		Knowledge				Skills					Competencies				
		K1	K2	K3	K4	S1	S2	S3	S4	S5	C1	C2	C3	C4	C5
First Year	Course Name														
	Research Methodology	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓
	Advanced Software Requirement	✓	✓	✓		✓		✓	✓	✓	✓			✓	✓
	Software Architecture and Design	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	
	Software Verification and Validation	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Advanced Software Engineering	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	

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Second Year	Course Name														
	Advanced Software Modelling	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
	Software Project Management	✓	✓	✓		✓	✓	✓				✓	✓		✓
	Software Maintenance and Evolution	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓
	Software Quality Engineering	✓	✓		✓	✓	✓		✓	✓	✓		✓		✓
	Thesis in Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Thesis	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	