

Isra University
 Faculty of Information Technology
 Guiding Study Plan for MSc in Software Engineering
 Thesis Track

First Year:

1st Semester:

Course Number	Course Title	Credit Hours	Prerequisite
.6.3715.	Scientific Research Methodologies	3	
.6.3713.	Advanced Software Engineering	3	
	Elective Course	3	
Total		9	

2nd Semester:

Course Number	Course Title	Credit Hours	Prerequisite
06037131	Advanced Requirements Engineering	3	
.6.3713.	Advanced Software Engineering	3	
	Elective Course	3	
Total		9	

Second Year:

1st Semester:

Course Number	Course Title	Credit Hours	Prerequisite
06037233	Advanced Software Testing	3	
	Elective Course	3	
Total		6	

2nd Semester:

Course Number	Course Title	Credit Hours	Prerequisite
.6.3739.	Thesis	9	
Total		9	

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Comprehensive Exam Track

First Year:

1st Semester:

Course Number	Course Title	Credit Hours	Prerequisite
.٦.٣٧١٥.	Scientific Research Methodologies	3	
.٦.٣٧١٣.	Advanced Software Engineering	3	
	Elective Course	3	
Total		9	

2nd Semester:

Course Number	Course Title	Credit Hours	Prerequisite
06037131	Advanced Requirements Engineering	3	
.٦.٣٧١٣.	Advanced Software Engineering	3	
	Elective Course	3	
Total		9	

Second Year:

1st Semester:

Course Number	Course Title	Credit Hours	Prerequisite
06037233	Advanced Software Testing	3	
06037251	Advanced IT Project Management	3	
	Elective Course	3	
Total		9	

2nd Semester:

Course Number	Course Title	Credit Hours	Prerequisite
.٦.٣٧2٣٤	Service-Oriented Architecture	3	
06037220	Advanced Database Management Systems	3	
	Comprehensive Exam	0	
Total		6	