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
٠٦٠٣٧١٥٠	**Scientific Research Methodologies**	**3**	
٠٦٠٣٧١٣٠	**Advanced Software Engineering**	**3**	
	Elective Course	**3**	
Total		**9**	

2ⁿᵈSemester:

Course Number	Course Title	Credit Hours	Prerequisite
06037131	**Advanced Requirements Engineering**	**3**	
٠٦٠٣٧١٣٠	**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**	

2ⁿᵈSemester:

Course Number	Course Title	Credit Hours	Prerequisite
٠٦٠٣٧٣٩٠	**Thesis**	**٩**	
Total		**9**	

Isra University
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Guiding Study Plan for MSc in Software Engineering
Comprehensive Exam Track

First Year:

1st Semester:

Course Number	Course Title	Credit Hours	Prerequisite
٠٦٠٣٧١٥٠	**Scientific Research Methodologies**	**3**	
٠٦٠٣٧١٣٠	**Advanced Software Engineering**	**3**	
	Elective Course	**3**	
Total		**9**	

2nd Semester:

Course Number	Course Title	Credit Hours	Prerequisite
06037131	**Advanced Requirements Engineering**	**3**	
٠٦٠٣٧١٣٠	**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
٠٦٠٣٧٢٣٤	**Service-Oriented Architecture**	**3**	
06037220	**Advanced Database Management Systems**	**3**	
	Comprehensive Exam	**0**	
Total		**6**	