MS Program Study Plan

Computer Science

Offered by:

College of Computer Sciences and Information Technology- Department of Computer Science.

Program and Degree title:

Program Title: Master of Science in Computer Science Program.

Degree title: Master of Science in Computer Science.

Admission Requirements

The candidate applying for admission to the CS master degree program must:

a. Have a bachelor's degree in computer science
b. Have a minimum CGPA of "very good" or equivalent in the bachelor degree, and is possible to admit Saudi and non-Saudi applicants with tuition fees
c. Demonstrate English language proficiency through one of the following criteria:
    I. Scoring 61 or above in Test of English as a Foreign Language Internet-Based Test (TOEFL-iBT), 5.0 in International English Language Testing System (IELTS) or equivalent
    II. Earning a bachelor degree with English language as medium of instruction
d. Provide two letters of recommendation
e. Provide a certificate of good character (behavior)
f. Provide a letter of approval from the employer if the candidate is employed
g. Pass entry test or interview conducted by the department
h. Meet any other criteria decided by the department or the college

Study plan

The curriculum of the degree program includes a balance between theory, applications and research. Further core and elective requirements are set to complete the master in computer science. The students are allowed to choose one of the following two tracks:

- Research Track
- Course Work Track

Study Duration:

Study period to complete the master in computer science is at least two years.

Table 1: MS CS Research Track Study Plan

Year	First Semester			Second Semester		
	Course #	**Course Title**	**Units**	**Course #**	**Course Title**	**Units**
1	0911611	Advanced Algorithms	3	0911614	Advanced Software Engineering	3
	0911612	Distributed Systems	3	0912615	Research Methodology	3
	0911613	Advanced Computer Architecture	3		Elective 1	3
		Total	**9**		**Total**	**9**
2	**First Semester**			**Second Semester**		
	Course #	**Course Title**	**Units**	**Course #**	**Course Title**	Units
		Elective 2	3	0911700	Dissertation	9*
		Elective 3	3			
		Elective 4	3			
		Total	**9**		**Total**	**9**
* Dissertation can be repeated within the maximum time limit of the degree						

Table 2: MS CS Course Work Track Study Plan

Year	First Semester			Second Semester		
	Course #	**Course Title**	**Units**	**Course #**	**Course Title**	**Units**
1	0911611	Advanced Algorithms	3	0911614	Advanced Software Engineering	3
	0911612	Distributed Systems	3	0912615	Research Methodology	3
	0911613	Advanced Computer Architecture	3		Elective 1	3
					Elective 2	3
		Total	**9**		**Total**	**12**
2	**First Semester**			**Second Semester**		
	Course #	**Course Title**	**Units**	**Course #**	**Course Title**	**Units**
	0911690	Project Proposal	3	0911695	Project Implementation	6*
		Elective 3	3		Elective 6	3
		Elective 4	3			
		Elective 5	3			
		Total	**12**		**Total**	**9**
* Project can be repeated within the maximum time limit of the degree						