

Study Plan - Master of Science Program in Wireless Telecommunications

Comprehensive Exam Option

A. Admission Requirements

The admission requirements of the program are the following:

- 1- Have a Bachelor degree in Telecommunications Engineering, Electronics Engineering, Computer Engineering, Computer Science, or an equivalent degree.
 1. Pass a foreign language requirement in accordance with the regulations of Yarmouk University.

B. Master's of Science degree in Wireless Telecommunications - comprehensive exam option - is awarded after the completion of the following requirements: -

1. Fulfil the general Master's Degree admission requirement specified by Yarmouk University graduate studies regulations.
2. Register for and pass prerequisite courses determined by Graduate Studies Committee at the Telecommunications Engineering Department.
3. Register for and pass a total of 33 credit hours (600 level) distributed as follows:
 - i. 24 credit hours of core courses listed in the following table:

No.	Course Code	Module	Credit Hours	Semester
1	CME 610	Random Processes	3	First
2	CME 612	Digital Signal Processing	3	First
3	CME 638	Antennas and Wave Propagation	3	Second
4	CME 652	Advanced Digital Communications	3	First
5	CME 656	Mobile Communications	3	Second
6	CME 659	Advanced Wireless Networks	3	First
7	CME 699	Graduation Project	6	First or Second
		Total	24	

- ii. 9 credit hours of elective courses (600 level) distributed as follows:

Course Code	Module	Credit
CME 600	Engineering Mathematics	3
CME 616	Information Theory and Coding	3
CME 618	Detection and Estimation Theory	3
CME 636	RF & Microwave Engineering	3
CME 658	Spread Spectrum Systems	3
CME 691	Special Topics on Wireless Communications	3

- C.** Pass the Comprehensive Exam (CME 698) according to the university regulations. The Comprehensive Exam is accounted for as zero credit hours for registration purposes.