



The study plan for Master of Science in Respiratory Care (MsRC)

الخطة الدراسية لماجستير العلوم في الرعاية التنفسية – جامعة 21 سبتمبر

Year Semester	Couse code	Course Title / Description	Theory HRs /week	Practice HRs/ week	Credit Hours
First Year - First Semester	RCP-510	Introduction to Respiratory Care	3	-	3
	RCP-511	Cardiopulmonary Anatomy and Physiology	5	-	5
	RCP-512	Cardiac Diseases	4	-	4
	RCP-513	Cardiopulmonary diagnostics	3	-	3
	RCP-514	Respiratory Care Pharmacology	2	-	2
	RCP-515	Patient Assessment	2	-	2
	Semester Total			19	
First Year - 2 nd Semester	RCP-516	Respiratory Care Equipment & Techniques	3	0	3
	RCP-517	Pulmonary Diseases	4	-	4
	RCP-518	Respiratory Critical Care	4	0	4
	MSC -502	Epidemiology	2	-	2
	RCP-519	Mechanical Ventilation	5	-	5
	RCP- 520	Clinical Practicum I	-	12	4
	Semester Total			18	12

The 2nd Year

Year Semester	Couse code	Course Title / Description	Theory HRs /week	Practice HRs/ week	Credit Hours
2nd Year - First Semester	RCP-521	Neonatal and Pediatrics Respiratory Care	3	0	3
	MSC-503	Educational Methodology	2	-	2
	RCP-522	Advanced Procedures in Respiratory Care	3	0	3
	RCP-523	Clinical practice II	-	12	4
	MSC-504	Research Methodology & Project (Starts semester I)	2	12	6
	Semester Total			10	24
Second Semester					
Second Year - 2nd Semester	RCP-524	Advanced Respiratory Care.	2	6	4
	RCP-525	Clinical Practice III.	0	12	4
	RCP-527	Sleep Disorders and Polysomnography.	4	0	4
	RCP-526	Leadership and Management for Respiratory Care professionals.	3	-	3
	Semester Total			9	18
Total credit hours for the program					74
Thesis					
Thesis	RCP 600	Thesis in Respiratory care	-	-	NA