

15. Study Plan

A. College Requirements:

SN	Code	Subjects	Credits hours
1.	MSC -502	Epidemiology	2
2.	MSC-503	Educational Methodology	2
3.	MSC-504	Research Methodology & Project	6
Total			10

B. Specialty Requirements

SN	Code	Subjects	Credits hours
1.	RCP-510	Introduction to Respiratory Care	3
2.	RCP-511	Cardiopulmonary Anatomy and Physiology	5
3.	RCP-512	Cardiac Diseases	4
4.	RCP-513	Cardiopulmonary diagnostics Techniques	3
5.	RCP-514	Respiratory Care Pharmacology	2
6.	RCP-515	Patient Assessment	2
7.	RCP-516	Respiratory Care Equipment & Techniques	3
8.	RCP-517	Pulmonary Diseases	4
9.	RCP-518	Respiratory Critical Care	4
10.	RCP-519	Mechanical Ventilation	5
11.	RCP- 520	Clinical Practicum I	4
12.	RCP-521	Neonatal and Pediatrics Respiratory Care	3
13.	RCP-522	Advanced Procedures in Respiratory Care	3
14.	RCP-523	Clinical practice II	4
15.	RCP-524	Advanced Respiratory Care	4
16.	RCP-525	Clinical Practice III	4
17.	RCP-527	Sleep Disorders and Polysomnography	4
18.	RCP-526	Leadership and Management for Respiratory Care professionals	3
19.	RCP 600	Thesis in Respiratory care	6
Total			70

Head of Department

prof. Nour El-Din Al-Jaber

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Dr. Fadl Shujaa Al-deen

Dean of the Faculty

prof. Abdulsalam dallaq

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Dr.Mohammed Alshamahy

C. Distribution of Courses according to Semesters (80 credit hours)

Distribution of Courses according to Semesters								
First Year								
Semester 1								
First Year - First Semester	#	Course Code	Course Name	Credit hours				Total Credit Hours
				Theoretical	Seminar	Lab.	Clinical	
	1	RCP-510	Introduction to Respiratory Care	3	-	-	-	3
	2	RCP-511	Cardiopulmonary Anatomy and Physiology	5	-	-	-	5
	3	RCP-512	Cardiac Diseases	4	-	-	-	4
	4	RCP-513	Cardiopulmonary diagnostics	3	-	-	-	3
	5	RCP-514	Respiratory Care Pharmacology	2	-	-	-	2
	6	RCP-515	Patient Assessment	2	-	-	-	2
	Total			19	-	-	-	19
	Total of Credit Hours			19				

First Year / Semester 2								
First Year - Second Semester	#	Course Code	Course Name	Credit Hours				Total
				Theoretical	Seminar	Lab.	Clinical	
	1	RCP-516	Respiratory Care Equipment & Techniques	3	-	-	0	3
	2	RCP-517	Pulmonary Diseases	4	-	-	-	4
	3	RCP-518	Respiratory Critical Care	4	-	-	0	4
	4	MSC - 502	Epidemiology	2	-	-	-	2
	5	RCP-519	Mechanical Ventilation	5	-	-	-	5
	6	RCP-520	Clinical Practicum I	-	-	-	12	4
	Total			18	-	-	12	22
	Total of Credit Hours			22				

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Second Year / Semester 1								
	#	Course Code	Course Name	Credit Hours				Total
				Theoretical	Seminar	Lab.	Clinical	
Second Year - First Semester	1	RCP-521	Neonatal and Pediatrics Respiratory Care	3	-	-	0	3
	2	MSC-503	Educational Methodology	2	-	-	-	2
	3	RCP-522	Advanced Procedures in Respiratory Care	3	-	-	0	3
	4	RCP-523	Clinical practice II	-	-	-	12	4
	5	MSC-504	Research Methodology & Project (Starts semester I)	2	-	-	12	6
	Total				10	-	-	24
Total of Credit Hours				18				

Second Year / Semester 2								
	#	Course Code	Course Name	Credit Hours				Total
				Theoretical	Seminar	Lab.	Clinical	
Second Year - Second Semester	1	RCP-524	Advanced Respiratory Care	2	-	-	6	4
	2	RCP-525	Clinical Practice III	0	-	-	12	4
	3	RCP-527	Sleep Disorders and Polysomnography	4	-	-	0	4
	4	RCP-526	Leadership and Management for Respiratory Care professionals	3	-	-	-	3
	Total				9	-	-	18
Total of Credit Hours				15				

Thesis								
#	Course Code	Course Name	Credit Hours				Total	
			Theoretical	Seminar	Lab.	Clinical		
1	RCP-600	Thesis in Respiratory Care	6				6	
Total								6
Total of Credit Hours				6				

16. Eligibility for Admission:

Admissions to the program shall be made as per the admission rules made by Ministry of higher education and scientific research- Republic of Yemen and 21 September University and specific program rules.