

## Respiratory and Critical Care (RCCT)

Course Title	Course Name	Credit Hrs	Pre-Req
<b>Semester 1</b>			
ENG-301	ENGLISH FOUNDATION	2	
SOC-303	SOCIOLOGY BASIC	2	
ANAT-305	ANATOMY	3	
MEDTR-307	MEDICAL TERMINOLOGY	2	
PHYS-309	PHYSIOLOGY	3	
ISLAM-311	ISLAMİYAT	2	
		<b>14</b>	
<b>Semester 2</b>			
MICRO-302	MICROBIOLOGY & INFECTION CONTROL	3	
BIO-304	BIOCHEMISTRY	3	
PSYCH-306	PSYCHOLOGY BASIC	2	
CS-308	COMPUTER SKILLS	2	
MT(RCC)-310	INTRODUCTION TO CRITICAL CARE-I	3	
MT(RCC)-312	CRITICAL CARE MEDICAL TERMINOLOGY	2	
PAK-STD-314	PAKISTAN STUDIES	2	
<b>Semester 3</b>			
PHARM-401	PHARMACOLOGY	3	
MT(RCC)-403	INTRODUCTION TO CRITICAL CARE-II	3	
MT(RCC)-405	DIAGNOSTIC IN CRITICAL CARE-I	3	
MT(RCC)-407	APPLIED CARDIOPULMONARY PATHOPHYSIOLOGY-I	3	
MT(RCC)-409	CARDIOLOGY PULMONARY PHYSIOLOGY	3	
MT(RCC)-411	CLINICAL PRACTICUM CLINICAL CARE	6	
<b>Semester 4</b>			
MT(RCC)-402	PHYSICAL PRINCIPLES & TECHNIQUES	2	

MT(RCC)-404	INVASIVE & NON INVASIVE MECHANICAL VENTILATION-I	3	
BMT(RCC)-406	DIAGNOSTIC IN CRITICAL CARE-II	3	
MT(RCC)-408	APPLIED CARDIO PULMONARY PATHOPHYSIOLOGY-II	3	
MT(RCC)-410	PROCEDURES AND THERAPEUTIC INTERVENTION-I	3	
MT(RCC)-412	CLINICAL PRACTICUM CLINICAL CARE	6	
<b>Semester 5</b>			
RMP-501	RESEARCH METHODS AND PRINCIPLES-I	3	
MT(RCC)-503	PROCEDURES AND THERAPEUTIC INTERVENTION-II	3	
MT(RCC)-505	INVASIVE & NON INVASIVE MECHANICAL VENTILATION-II	3	
MT(RCC)-507	CLINICAL PRACTICUM CLINICAL CARE	6	
<b>Semester 6</b>			
RMP-502	RESEARCH METHODS AND PRINCIPLES-II	3	
DM-504	DIAGNOSTIC MICRO-I	3	
MT(RCC)-506	DRUG THERAPY IN CRITICAL CARE	2	
MT(RCC)-508	ICU ROTATION	6	
MT(RCC)-510	CLINICAL PRACTICUM CLINICAL CARE	6	
<b>Semester 7</b>			
Biostat-601	BIOSTATISTICS	3	
CD-603	CLINICAL DIAGNOSTICS	1	
MT(RCC)-605	INVASIVE AND NON-INVASIVE MECHANICAL VENTILATION-III	3	
MT(RCC)-607	CARDIO PULMONARY REHABILITATION	3	
MT(RCC)-609	CLINICAL PRACTICUM CLINICAL CARE	6	
<b>Semester 8</b>			
HM-602	HEALTH CARE MANAGEMENT	3	

PAPS-604	PROJECT ASSIGNMENT	3	
MT(RCC)-606	CLINICAL PRACTICUM CLINICAL CARE	6	
		<b>12</b>	
		<b>136</b>	