



UNIVERSITY PRE-PROFESSIONAL PROGRAM  
STUDY PLAN FOR APPLIED MEDICAL SCIENCES TRACK

Unified 1st Year Plan

Semester 1

Code	Course Name	Credit Hours
ENGL 101	English Communication Skills	5
ENGL 102	English Grammar I	4
ENGL 103	English Reading & Vocabulary I	5
ARBC 101	Arabic Language Skills I	2
ISLM 101	Islamic Culture	2
<b>Total</b>		<b>18</b>

Semester 2

Code	Course Name	Credit Hours
ENGL 111	English Academic Writing	2
ENGL 112	English Grammar II	2
ENGL 113	English Reading & Vocabulary II	2
ARBC 111	Arabic Language Skills II	2
BIOL 101	Biology for Health Sciences	2
CHEM 101	Chemistry for Health Sciences	4
PHYS 101	Physics for Health Sciences	4
<b>Total</b>		<b>18</b>

College Allocation

Applied Medical Sciences Program 2nd Year Plan

Semester 3

Code	Course Name	Credit Hours
ENGL 201	Medical Terminology	2
ENGL 211	Advanced English Grammar & Writing for Health Sciences	2
ENGL 212	Advanced English Reading & Vocabulary for Health Sciences	2
BIOC 214	Biochemistry for Applied Medical Sciences	4
BIOS 201	Biostatistics	2
BHSC 201	Behavioral Sciences	2
COMP 201	Computer Science & Health Informatics	3
ELEC 201	Elective	1
<b>Total</b>		<b>18</b>

Semester 4

*a. Emergency Medical Services*

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
EMMS 201	Introduction to Emergency Medical Services	2
<b>Total</b>		<b>18</b>



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**b. Clinical Laboratory Sciences Program**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
CLAB 201	Introduction to Laboratory Sciences	2
<b>Total</b>		<b>18</b>

**c. Respiratory Therapy**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
REST 201	Introduction to Respiratory Therapy	2
<b>Total</b>		<b>18</b>

**d. Occupational Therapy**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
OCTH 201	Introduction to Occupational Therapy	2
<b>Total</b>		<b>18</b>

**e. Anesthesia Technology Program**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
ANTC 201	Introduction to Anesthesia Technology	2
<b>Total</b>		<b>18</b>



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**f. Radiological Sciences Program**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
RADS 201	Introduction to Radiological Sciences	2
<b>Total</b>		<b>18</b>

**g. Cardiovascular Technology Program - Cardiac Catheterization**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
ICVT 201	Introduction to Cardiovascular Technology - Cardiac Catheterization	2
<b>Total</b>		<b>18</b>

**h. Cardiovascular Technology Program - Echocardiography**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
ECVT 201	Introduction to Cardiovascular Technology - Echocardiography	2
<b>Total</b>		<b>18</b>

**i. Clinical Nutrition**

Code	Course Name	Credit Hours
PMSC 211	Anatomy & Physiology for Applied Medical Sciences	4
PMSC 212	Principles of Disease for Applied Medical Sciences	4
PMSC 213	Basic Pharmacology for Applied Medical Sciences	3
ETHC 201	Ethics & Patient Safety	2
EDUC 201	Health Professions Education	3
CLNS 201	Introduction to Clinical Nutrition	2
<b>Total</b>		<b>18</b>