

Study Plan

Degree : Bachelor

Faculty : Applied Medical Sciences in A

Hrs : 133

Semester : 471

Dept : Biomedical Technology

Plan : Major

Edition : 7

Gender : Both

Major : 40BMT Biomedical Technology

Council Session :

Deanship Session :

Faculty Session :

Dept Session :

Council Date :

Deanship Date :

Faculty Date :

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Group Type : 1 إجبارية

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First							
Code	Course Name	HR	G	L	H	Requisites	Yrl
CS 101	Introduction to Artificial Intelligence Concepts and Applications	3				-	-
ARAB101	Language Skills	2				-	-
BIO 106	General Biology	4				-	-
ENG 132	Reading	3				-	-
ENG 133	Writing	3				-	-
MC 1400	Communication Skills	2				-	-
Total							17

Forth							
Code	Course Name	HR	G	L	H	Requisites	Yrl
BMTS 2230	Biomaterials	2				-	-
BMTS 2310	Biomedical Analog Electronics	3				BMTS 2210 - / P	-
BMTS 2320	Computer Programming 1	3				CS 101 - / P	-
BMTS 2330	Biomedical Digital Electronic	3				BMTS 2210 - / P	-
Total							14

Second							
Code	Course Name	HR	G	L	H	Requisites	Yrl
STAT106	Biostatistics	2				-	-
PHYS106	General Physics for Health Sciences	4				-	-
CHEM106	Organic Chemistry for Health Sciences	2				-	-
ENG 131	Listening/Spealing	3				-	-
ENGL134	English for Health Sciences	3				-	-
Total							14

Fifth							
Code	Course Name	HR	G	L	H	Requisites	Yrl
BMTS 2340	Biomedical Analog Signal Processing	3				BMTS 2220 - / P	-
BMTS 3130	Biomedical Electronic Circuit	3				BMTS 2310 - / P	-
BMTS 3220	Computer Programming 2	3				BMTS 2320 - / P	-
BMTS 3320	Biomechanics	2				BMTS 2130 - / P	-
BMTS 4130	Safety in HealthCare Systems	3				-	-
Total							14

Third							
Code	Course Name	HR	G	L	H	Requisites	Yrl
ARAB103	Arabic Editing	2				-	-
BMTS 2110	Human Anatomy & Physiology	2				BIO 106 - / P CHEM106 - / P	-
BMTS 2120	Math for Biomedical Systems 1	3				STAT106 - / P	-
BMTS 2130	Physics of Medical Instruments	3				PHYS106 - / P	-
BMTS 2210	Electrical Circuits and Skills	4				BMTS 2130 - / MC	-
Total							14

Sixth							
Code	Course Name	HR	G	L	H	Requisites	Yrl
BMTS 3110	Biomedical Digital Signal Processing	3				BMTS 2340 - / P	-
BMTS 3120	Microprocessor and Computer Interfacing	3				BMTS 2320 - / P	-
BMTS 3210	Optical, Acoustic and & Laboratory Instruments	3				BMTS 2130 - / P	-
BMTS 3230	Biomedical Instruments 1	3				BMTS 2310 - / P	-
BMTS 3240	Biomedical measurements and Sensors	3				BMTS 2310 - / P	-
BMTS 3310	Research Methodology	2				-	-
Total							17

Forth							
Code	Course Name	HR	G	L	H	Requisites	Yrl
BMTS 2220	Math for Biomedical System 2	3				BMTS 2120 - / P	-

Seventh							
Code	Course Name	HR	G	L	H	Requisites	Yrl

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Category :

Group Type : 1 إجبارية

Group Type : 1 إختيارية (8)

Seventh							
Code	Course Name	HR	G	L	H	Requisits	Yrl
BMIS 3330	Medical Imaging Systems	4				BMTS 2130 - / P	-
BMIS 3340	Biomedical Instruments 2	3				BMTS 3230 - / P	-
BMTS 4110	Computer Networking in Health Care Systems	2				BMTS 3220 - / P	-
BMTS 4210	Graduation Project 1	3			93	-	-
BMIS 4220	Control Systems for Biomedical Equipment	3				BMTS 2340 - / P	-
Total							15

Code	Course Name	HR	G	L	H	Requisits	Yrl
ISLM 106	Economic System in Islam						
ISLM 106	Prophetic Biography	2				-	-
Total							4
Code	Course Name	HR	G	L	H	Requisits	Yrl
IC 104	Foundations of the political system in Islam	2				-	-
ISLM 108	Medical jurisprudence	2				-	-
Total							4

Category :

Group Type : 1 إختيارية (6)

Eighth							
Code	Course Name	HR	G	L	H	Requisits	Yrl
BMTS 4120	Medical Image Processing	3				BMTS 3110 - / P	-
BMIS 4230	Embedded Electronic Systems in Medical Technology	3				-	-
BMTS 4310	Graduation Project 2	3				BMTS 4210 - / P	-
BMIS 4320	Clinical Practice in Biomedical Instruments Management & Maintenance	3				BMTS 3230 - / P	-
Total							12

Code	Course Name	HR	G	L	H	Requisits	Yrl
BMIS 4401	Selected Topics in Biomedical Technology	3				-	-
BMIS 4402	Nanotechnology	3				-	-
BMIF 4403	Introduction to Telemedicine	3				-	-
BMIF 4404	Biomedical Information Systems	3				-	-
BMIF 4405	Artificial Intelligence	3				-	-
BMIF 4406	Modeling and simulation in Biomedical	3				-	-
Total							18

Category :

Group Type : 1 إختيارية (8)

Code	Course Name	HR	G	L	H	Requisits	Yrl
IC 101	Introduction of Islamic Culture	2				-	-
Total							2

Code	Course Name	HR	G	L	H	Requisits	Yrl
IC 102	The Islam and Society Building	2				-	-
Total							2

Code	Course Name	HR	G	L	H	Requisits	Yrl
IC 103	The Foundation Of the	2				-	-

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Category :

Group Type : 2 إختيارية (2)

Code	Course Name	HR	G	L	H	Requisites	Yrl
CAMS 4200	Emergency Care	2				-	-
CAMS 4201	Medical Ethics	2				-	-
Total							4