

Study Plan

Degree : Bachelor

Faculty : Inaya Medical Science College

Hrs : 136

Semester : 111

Dept : Biomedical Technology

Plan : Major

Edition : 1

Gender : Both

Major : BMT Biomedical Technology

Council Session :

Deanship Session :

Faculty Session :

Dept Session :

Council Date :

Deanship Date :

Faculty Date :

Dept Date :

Group Type : Compulsory 1

Group Type : Compulsory 1

First Level						
Code	Course Name	HR	G	L	H	Requisites
BIOS 101	Biostatistics	2				-
COMM 101	Communication Skills	1				-
ISLM 101	Introduction To Islamic Culture	2				-
COMP 101	Computer For Health Sciences	2				-
ARAB 101	Arabic Language	2				-
ENGL 101	English Language(I)	8				-
<b>Total</b>						<b>17</b>

Third Level						
Code	Course Name	HR	G	L	H	Requisites
BMS 232	Physiology	3				BIOL 101 - / P
BMS 234	Medical Ethics	2				ETH 101 - / P
<b>Total</b>						<b>17</b>

Second Level						
Code	Course Name	HR	G	L	H	Requisites
BIOL 101	Biology	3				-
ETH 101	Ethics In Health Care	1				-
PHYS 101	General Physics	3				-
CHEM 101	Introduction To Chemistry	3				-
ENGL 102	English Language (II)	4				ENGL 101 - / P
ENGL 105	Medical Terminology	3				-
<b>Total</b>						<b>17</b>

Fourth Level						
Code	Course Name	HR	G	L	H	Requisites
BMT 242	Biomedical Electronics	4				BMT 231 - / P
BMT 243	Biomedical Technology Design And Manufacturing(I)	5				PHYS 101 - / P
BMT 244	Human Physiology For Engineers(I)	3				BMS 231 - / P BMS 232 - / P
BMT 245	Polymeric Biomaterials Technology	3				BMT 232 - / P
MATH 241	Applied Mathematics	2				MATH 231 - / P
<b>Total</b>						<b>17</b>

Third Level						
Code	Course Name	HR	G	L	H	Requisites
BMT 231	Introduction To Biomedical Technology	3				BIOL 101 - / P ENGL 102 - / P
BMT 232	Introduction To The Materials Science Of Biomaterials	3				CHEM 101 - / P ENGL 102 - / P
MATH 231	General Mathematics	2				-
BMS 231	Anatomy, Embryology & Histology	4				BIOL 101 - / P

Fifth Level						
Code	Course Name	HR	G	L	H	Requisites
BMT 351	Biomedical Measurements	2				BMT 242 - / P
BMT 352	Analytical And Experimental Methods For Biomedical Engineerings	3				BMT 242 - / P
BMT 353	Biomedical Technology Design And Manufacturing(II)	3				BMT 243 - / P
BMT 355	Fundamentals Of Biomedical Instrumentation	3				BMT 242 - / P
ISLM 103	The Islamic Economic System	2				-
ARAB 103	Writing In Arabic Language	2				-
<b>Total</b>						<b>15</b>

Sixth Level						
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Group Type : Compulsory 1

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Sixth Level						
Code	Course Name	HR	G	L	H	Yrl
BMT 361	Analog And Digital Circuits Laboratory	3				BMT 242 - / P -
BMT 362	Bioelectricity	3				BMT 244 - / P -
BMT 363	Biomechanics	3				BMT 244 - / P -
BMT 364	Biomedical Signal Processing	3				BMT 351 - / P -
BMT 365	Biomedical Technology Senior Design	2				BMT 353 - / P -
BMT 366	Human Physiology For Engineers(II)	3				BMT 244 - / P -
ISLM 102	Islamic And Construction Of Society	2				- -
<b>Total</b>						<b>19</b>

Eighth Level						
Code	Course Name	HR	G	L	H	Yrl
483	Signal Processing					
BMT 484	Medical Device Design	3				BMT 365 - / P -
BMT 485	Medical Imaging(II)	2				BMT 476 - / P -
ISLM 104	Fundamental Of Islamic Political System	2				- -
<b>Total</b>						<b>16</b>

Seventh Level						
Code	Course Name	HR	G	L	H	Yrl
BMT 471	Linear Systems In Biomedical Technology	3				BMT 361 - / P - BMT 364 - / P -
BMT 472	Biomedical Microcontroller Applications	4				BMT 361 - / P -
BMT 473	Tissue Technology	2				BMT 232 - / P - BMT 245 - / P -
BMT 474	Medical Instrumentation	3				BMT 355 - / P - BMT 361 - / P -
BMT 475	Research In Biomedical Technology	3				BMT 365 - / P -
BMT 476	Medical Imaging(I)	3				BMT 366 - / P -
<b>Total</b>						<b>18</b>

Eighth Level						
Code	Course Name	HR	G	L	H	Yrl
BMT 481	Special Topics In Biomedical Technology	3				BMT 361 - / P -
BMT 482	Cardiovascular Biomechanics	3				BMT 363 - / P - BMT 366 - / P -
BMT	Advanced Biomedical	3				BMT 364 - / P -