October University for Modern Sciences and Arts (MSA)

Faculty of Physical Therapy

Physical Therapy Bachelor degree Bylaw

2021-2022

Study plan

First Academic Year (level 1)

First Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Anatomy 1	PT101	3	2	-	2	4	----
Physiology 1	PT102	3	2	-	2	4	----
Histology 1	PT103	2	1	-	2	3	----
Biochemistry 1	BCHM101	2	1	-	2	3	----
Biophysics	PHY104	3	2	-	2	4	----
English for Academic Purposes	ENG101	3	3	-	-	3	----
Introduction to Information Technology	CSP101	3	2	-	2	4	----
Total		**19**	**13**		**12**	**25**	

Second Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Anatomy 2	PT111	3	2	-	2	4	PT101
Physiology 2	PT112	3	2	-	2	4	PT102
Histology 2	PT113	2	1	-	2	3	PT103
Biochemistry 2	BCHM111	2	2	-	-	2	BCHM101
Biomechanics 1	PT114	3	2	-	2	4	----
English Language for Study Skills	ENG112	3	3	-	-	3	ENG101
Introduction to Computer Programing	CSP112	3	2	-	2	4	CSP101
Total		**19**	**14**		**10**	**24**	

Second Academic Year (level 2)

First Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Anatomy 3	PT201	3	2	-	2	4	PT111
Physiology 3	PT202	3	2	-	2	4	PT112
Pathology 1	PT203	2	1	-	2	3	PT112
Therapeutic exercises 1	PT204	3	2	-	2	4	PT112 PHY104
Evaluation 1	PT205	3	2	-	2	4	PT101
Biomechanics 2	PT207	3	2	-	2	4	PT114
Electrotherapy 1	PT206	3	2	-	2	4	PHY104 PT112
Total		**20**	**13**		**14**	**27**	

Second Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Anatomy 4	PT211	3	2	-	2	4	PT201
Physiology 4	PT212	3	2	-	2	4	PT202
Electrotherapy 2	PT213	2	1	-	2	3	PT206
Hydrotherapy	PT214	2	1	-	2	3	PT102 PHY104
Therapeutic exercises 2	PT215	3	2	-	2	4	PT204
Evaluation 2	PT216	3	2	-	2	4	PT205
Pathology 2	PT217	2	1	-	2	3	PT203
Total		**18**	**11**		**14**	**25**	

Third Academic Year (Level 3)

First Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Pharmacology	PT301	2	2	-	-	2	----
Cardiopulmonary diseases and its surgery	PT302	3	2	-	2	4	PT211 PT212
Internal Medicine and Geriatrics	PT303	2	1	-	2	3	PT212
Physical Therapy for Cardiopulmonary diseases and its surgery	PT304	4	2	3	2	7	PT211 PT212
Physical Therapy for Internal Medicine and Geriatrics.	PT305	4	2	3	2	7	PT211 PT212
Radiology 1	RAD301	2	1	-	2	3	PT211
Exercise Physiology	PT307	2	2	-	-	2	PT212
TOTAL		**19**	**12**	**6**	**10**	**28**	

Second Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Gynecology and Obstetrics	PT311	2	2	-	-	2	PT211 PT212
Microbiology and Immunology	BIO301	1	1	-	-	1	PT217
Physical Therapy for Women Health	PT312	4	2	3	2	7	PT211 PT212
Ergonomics 1	PT313	2	1	-	2	3	BIO111
Surgery and Burn	PT314	2	2	-	-	2	PT211 PT203
Dermatology	PT315	1	1	-	-	1	PT211 PT203
Physical Therapy for Surgery and Burn	PT316	4	2	2	2	6	PT211 PT203
Psychology	PT317	1	1	-	-	1	-
Clinical nutrition	PT318	2	2			2	PT212
Total		**19**	**14**	**5**	**6**	**25**	

Fourth Academic Year (Level 4)

First Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Orthopedic and Orthopedic surgery	PT401	2	2	-	-	2	PT203 PT211 PT313
Physical Therapy for Orthopedic and Orthopedic surgery	PT402	4	2	3	2	6	PT203 PT211 PT313
Radiology 2	RAD401	2	1	-	2	3	PT211
Scientific Research	RES401	2	1	-	2	3	---
Public health	PT403	2	2	-	-	2	---
Ethics and Laws in Physical Therapy	PT404	2	2	-	-	2	---
Manual Therapy	PT406	2	1	-	2	3	PT101 PT111
Ergonomics 2	PT405	2	1	-	2	3	PT313
Total		**18**	**12**	**3**	**10**	**24**	

Second Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Traumatology	PT411	2	2	-	-	2	PT401
Sports Injuries	PT 412	3	2	-	2	4	PT401 PT402
Physical Therapy for Traumatology	PT413	4	2	3	2	7	PT401
Orthotics and Prosthetics	PT414	3	2	-	2	4	PT402
Clinical Reasoning in Physical Therapy	PT415	2	2	-	-	2	PT402

Evidence based practice	PT416	2	2	-	-	2	RES401
Biostatistics	MTH411	2	1	-	2	3	RES401
Total		**18**	**13**	**3**	**8**	**24**	

Fifth Academic Year (Level 5)

First Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Neurology and Neurosurgery	PT501	3	3	-	-	3	PT201 PT202
Psychiatry	PT502	2	2	-	-	2	PT317
Physical Therapy for Neurology and Neurosurgery	PT503	6	4	3	2	9	PT201 PT202
Motor control	PT504	1	1	-	-	1	PT201
Electro-diagnosis	PT505	2	1	-	2	3	PT201 PT202
Radiology 3	RAD501	2	1	-	2	3	PT201 PT202
Speech Therapy	PT506	1	1	-	-	1	---
Differential Diagnosis	PT507	2	2	-	-	2	---
Total		**19**	**15**	**3**	**6**	**24**	

Second Term:

Course	Code	Credit Hours	Contact Hours				Pre-requisites
			Lecture	Clinical	Practical	Total	
Pediatrics and Pediatric surgery	PT511	3	3	-	-	3	PT211 PT212
Physical Therapy for Pediatrics and Pediatric surgery	PT512	6	4	3	2	9	PT211 PT212
Growth and Development	PT513	2	2	-	-	2	PT212
Genetics	BIO511	1	1	-	-	1	PT211

							PT212
Hospital Management	PT514	2	2	-	-	2	---
Teaching and Learning	TL511	1	1	-	-	1	---
Research Seminar	RES511	2	1	-	2	3	---
Documentation in physical Therapy	PT515	1	1	-	-	1	---
Occupational Therapy	PT516	3	3	-	-	3	---
Total		**21**	**18**	**3**	**4**	**25**	

Courses Representing University Requirements are as follow:

Course code	Course Name	Lectures	Lab	Contact Hours	Credit Hours
ENG101	**English for Academic Purposes**	**2**	**2**	**4**	**3**
ENG112	**English language for study skills**	**2**	**2**	**4**	**3**
CSP101	**Introduction to Information Technology**	**2**	**2**	**4**	**3**
CSP112	**Introduction to Computer Programing**	**2**	**2**	**4**	**3**
MTH411	**Biostatistics**	**1**	**2**	**2**	**2**
Total		**9**	**10**	**20**	**14**

Elective Courses:

Course code	Course Name	Lectures	Practical	Total	Credit Hours
BUS221	**Business Administration**	**2**	**0**	**2**	**2**

ENG221	Elementary Electronics	1	2	3	2
ENG222	Equipment Maintenance	1	2	3	2
MTH221	Advanced Statistics	2	0	2	2
BUS222	Communication Skills	2	0	0	2
PT221	Primary Care	2	0	0	2
PT222	Rehabilitation for Amputee	2	0	0	2
CSP221	Information Technology for Physical Therapy	2	0	0	2
PT223	Quality of Care Management	2	0	0	2
PT224	Respiratory Therapy	2	0	0	2
PT225	Role of physical Therapy in Management of Obesity	2	0	0	2
PT226	Role of physical Therapy in Oncology	2	0	0	2

Student has to take at least 6 credit hours from the elective courses before graduation