



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY

جامعة العلمين الدولية
ALALAMEIN
INTERNATIONAL UNIVERSITY**Physical Therapy Program**

برنامج العلاج الطبيعي

Study Plan

الخطة الدراسية

| Semester | Code | Course Name | LCT | LAB | TUT | OTH | CNTCT | CH | SWL | ECTS |
|------------------------------|--------|------------------------------------|-----|-----|-----|-----|-----------|-----------|------------|-----------|
| Preclinical Semesters | | | | | | | | | | |
| 1 | PHY261 | Biophysics | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BPT111 | Ethics and Laws | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | BMS115 | Anatomy 1 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS124 | Histology 1 (for physiotherapy) | 1 | 2 | 0 | 0 | 3 | 2 | 105 | 4 |
| | BMS136 | Physiology 1 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS147 | Biochemistry 1 (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | UC1 | University Requirement (1) | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 |
| | UC2 | University Requirement (2) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 22 | 18 | 780 | 32 |
| 2 | BPT112 | Kinesiology 1 | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BPT113 | Tests and Measurements 1 | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS116 | Anatomy 2 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS125 | Histology 2 (for physiotherapy) | 1 | 2 | 0 | 0 | 3 | 2 | 105 | 4 |
| | BMS137 | Physiology 2 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS148 | Biochemistry 2 (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | UC3 | University Requirement (3) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 23 | 18 | 885 | 36 |
| | BPT214 | Kinesiology 2 | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |



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|---------------------------|--------|--|-----|-----|-----|-----|-----------|-----------|------------|-----------|
| 3 | BPT215 | Tests and Measurements 2 | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | PTH241 | Growth and Development | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | BMS211 | Neuroanatomy (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS234 | Neurophysiology 1 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS241 | Biochemistry 3 (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | BMS242 | Human Genetics (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | UC4 | University Requirement (4) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 22 | 18 | 870 | 36 |
| 4 | BPT216 | Biomechanics 1 | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BPT217 | Therapeutic Modalities | 4 | 4 | 0 | 0 | 8 | 6 | 300 | 11 |
| | BPT218 | Exercise Physiology | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | BMS212 | Anatomy 3 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS235 | Neurophysiology 2 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS243 | Biochemistry 4 (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 24 | 19 | 930 | 37 |
| Clinical Semesters | | | | | | | | | | |
| 5 | BPT319 | Biomechanics 2 | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS341 | Introduction to Nutrition (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | BMS352 | Pathology 1 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS361 | Pharmacology 1 (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | CMS313 | Theory of Internal Medicine (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | CMS314 | Theory of Cardiopulmonary Diseases (for physiotherapy) | 2 | 0 | 0 | 3 | 5 | 3 | 150 | 6 |
| | CMS315 | Rheumatology (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | CMS321 | Cardiothoracic Surgery (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |



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|----------|--------|---|-----|-----|-----|-----|-----------|-----------|------------|-------------|
| | CMS322 | Radiology 1 (for physiotherapy) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | E1 | Elective Course - (1) | 3 | 0 | 0 | 0 | 3 | 3 | 150 | 6 |
| | | | | | | | | 28 | 22 | 1065 |
| 6 | PTM321 | Cardiopulmonary & its surgery PT and Rehabilitation | 3 | 0 | 0 | 6 | 9 | 5 | 285 | 9 |
| | PTM322 | Internal Medicine PT and Rehabilitation | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | E2 | Elective Course - (2) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | BMS353 | Pathology 2 (for physiotherapy) | 2 | 2 | 0 | 0 | 4 | 3 | 150 | 6 |
| | BMS362 | Pharmacology 2 (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | CMS316 | Dermatology (for physiotherapy) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | CMS323 | Surgery (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | CMS342 | Obstetrics & Gynecology (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | CMS383 | Public Health (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | | | | | | | 27 | 20 | 990 | 39 |
| 7 | PTM423 | Integumentary PT and Rehabilitation | 3 | 0 | 0 | 3 | 6 | 4 | 210 | 8 |
| | PTH442 | Woman Health PT and Rehabilitation | 2 | 0 | 0 | 3 | 5 | 3 | 150 | 6 |
| | CMS423 | Radiology 2 (for physiotherapy) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | CMS424 | Traumatology (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | CMS425 | Orthopedic Surgery (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | UC5 | University Requirement (5) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | UE1 | Elective University (1) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | UE2 | Elective University (2) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 25 | 19 | 915 | 38 |
| 8 | PTO431 | Sport injuries PT and Rehabilitation | 4 | 0 | 0 | 6 | 10 | 6 | 330 | 11 |
| | PTO432 | Orthopedics PT and Rehabilitation | 4 | 0 | 0 | 6 | 10 | 6 | 330 | 11 |



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|----------|--------|--|-----|-----|-----|-----|------------|------------|-------------|------------|
| | CMS426 | Pediatric Surgery (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | CMS433 | Pediatrics (for physiotherapy) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | E3 | Elective Course - (3) | 1 | 2 | 0 | 0 | 3 | 2 | 105 | 4 |
| | UC6 | University Requirement (6) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 28 | 19 | 990 | 36 |
| 9 | PTO533 | Orthoses and Prostheses | 1 | 2 | 0 | 0 | 3 | 2 | 105 | 4 |
| | PTH543 | Pediatrics PT and Rehabilitation | 4 | 0 | 0 | 6 | 10 | 6 | 330 | 11 |
| | BMS431 | Electro-diagnosis (for physiotherapy) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | CMS512 | Neurology (for physiotherapy) | 2 | 0 | 0 | 3 | 5 | 3 | 150 | 6 |
| | CMS513 | Psychiatry (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | CMS524 | Neurosurgery (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | CMS523 | Radiology 3 (for physiotherapy) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | E4 | Elective Course - (4) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 30 | 19 | 975 | 37 |
| 10 | PTN552 | Neurology PT and Rehabilitation | 4 | 0 | 0 | 6 | 10 | 6 | 330 | 11 |
| | PTN553 | Neurosurgery PT and Rehabilitation | 2 | 3 | 0 | 0 | 5 | 3 | 165 | 6 |
| | CMS502 | Differential Diagnosis 1 (for physiotherapy) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | CMS514 | Medical Laboratory (for physiotherapy) | 1 | 0 | 0 | 0 | 1 | 1 | 45 | 2 |
| | E5 | Elective Course - (5) | 1 | 0 | 0 | 3 | 4 | 2 | 105 | 4 |
| | UC7 | University Requirement (7) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | UE3 | Elective University (3) | 2 | 0 | 0 | 0 | 2 | 2 | 90 | 4 |
| | | | | | | | 28 | 18 | 930 | 35 |
| | | | | | | | 257 | 190 | 9330 | 370 |



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The student spends a compulsory internship year (12 months) with a total number of hours (36 credit hours) to obtain a bachelor's degree in the following majors:

يقضي الطالب سنة امتياز إجبارية (12 شهراً) بإجمالي عدد ساعات (36 ساعة معتمدة) للحصول على درجة البكالوريوس في التخصصات التالية:

| Specialty | Months | Specialty | Months |
|-------------------|--------|---------------|--------|
| Internal Medicine | 2 | Integumentary | 1 |
| Pediatrics | 2 | Woman Health | 1 |
| Neurology | 2 | Orthopedics | 2 |
| Special | 2 | | |

Elective (E1)

HNU331 Principles of clinical nutrition
BPT513 Evidence-based practice

Elective (E2)

PTM 323 Geriatrics PT and rehabilitation
BPT 312 Documentation in Physical Therapy

Elective (E3)

BPT411 Ergonomics
PTH444 Occupational Therapy

Elective (E4)

PTN551 Motor Control
CMS561 Introduction to Speech Therapy (for physiotherapy)

Elective (E5)

CHE318 Scientific Writing



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CMS503 Differential Diagnosis 2 (for physiotherapy)