**Study plan
Pre-clinical Phase**

**Level One – Fall Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Anatomy (1) (M 101) | - | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Physiology (1) (M 102) | - | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Histology (1) (M 103) | - | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Biochemistry (1) (M 104) | - | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Ethics and professionalism in physical therapy (PT 101) | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Biophysics (G 101) | - | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| English and Medical Terminology (G 102) | - | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Computer sciences ( G 103) | - | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Total | - | 11 | 7 | 0 | 18 | 25 |  | 900 |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Anatomy (2) (M 105) | (M101) | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Physiology (2) (M 106) | (M 102) | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Histology (2) (M 107) | (M 103) | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Biochemistry (2) (M 108) | (M 104) | 1 | 1 | 0 | 2 | 3 | 1 | 40 | 0 | 0 | 10 | 50 |
| Evaluation and measurement (1)(PT 102) | (M101)(M105) | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Critical thinking ( G104) | - | 1 | 0 | 0 | 1 | 1 | 1 | 30 | 0 | 0 | 20 | 50 |
| Kinesiology (PT103) | (M101)(M105) | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Electrotherapy (1) ( PT104) | G101M101M102 | 2 | 1 | 0 | 3 | 4 | 1 | 60 | 20 | 0 | 20 | 100 |
| Soft Skills and Communication Management ( G 105) | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Behavioral Psychology (G106) | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total | - | 15 | 7 | 0 | 22 | 29 |  | 1000 |

**Level One – Spring Semester**

**Theoretical, P= Practical, C= Clinical, CH= Contact Hour, WED= Written Exam Duration, CW= Course Work –T=**

**Level Two – Fall Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Neuroanatomy (1) (M 201) | - | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Neurophysiology (1) (M202) | (M 201) | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Evaluation and measurement (2) (PT 201) | (M 101)(M 105)(PT 102) | 2 | 1 | 0 | 3 | 5 | 2 | 90 | 30 | 0 | 30 | 150 |
| Electrotherapy(2) (PT202) | G101M101M102 | 2 | 1 | 0 | 3 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Therapeutic Exercise (1) (PT 203) | (M101)(PT 102) (M 105) | 2 | 1 | 0 | 3 | 4 | 1 | 90 | 30 | 0 | 30 | 150 |
| Hydrotherapy (PT 204) | (G101) | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 30 | 100 |
| Biomechanics (1) (PT 205) | (M101)(PT 103)(M105) | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Total | - | 10 | 9 | 0 | 19 | 26 |  | 900 |

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**Level Two – Spring Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course Title and code | Credit Hours | CH | WED | Marks |
| Pre-Request | T | P | C | Total | Final | CW | Total |
| T | P | C |
| Anatomy (3) (M 203) | - | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Neurophysiology (2)(M 204) | 201M)(M202)  | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Exercise Physiology ( P T 206) | (M102)(M104)(M106)(M108) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Pathology (1) (M 205) |  | 2 | 1 | 0 | 2 | 4 | 2 | 60 | 0 | 0 | 40 | 100 |
| Pharmacology (1) (M 206) | (M 102)(M103(M104)(M106)(M107)(M108) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| First Aids (M 207)  | (M101)(M102)(M105)(M106) | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Therapeutic Exercise (2) (PT 207) | (PT 203) | 2 | 1 | 0 | 3 | 4 | 2 | 90 | 30 | 0 | 30 | 150 |
| Manual Therapy (PT 208 ) | (M 101)(PT201) | 2 | 1 | 0 | 3 | 3 | 1 | 90 | 30 |  | 30 | 150 |
| Physical Therapy Evidence– Based practice and critical appraisal (PT 209) | (PT 201)(PT 202)(PT203)(PT 204)(PT 207)(PT 208) | 1 | 0 | 0 | 1 | 1 | 1 | 30 | 0 | 0 | 20 | 50 |
| Biomechanics(2) (PT210) | PT205 | 1 | 1 | 0 | 2 | 1 | 1 | 80 | 0 | 0 | 20 | 100 |
| National Health System and strategies planning (PT 211) | (PT 101) | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total | - | 17 | 6 | 0 | 23 | 30 |  | 1150 |

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**Study plan Clinical Phase**

**Level Three – Fall Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
|  Pathology (2) (M 301) | (M205) | 2 | 0 | 0 | 2 | 2 | 2 | 60 | 0 | 0 | 40 | 100 |
| Internal Medicine(1) (M302) | - | 2 | 0 | 0 | 2 | 2 | 2 | 60 | 0 | 0 | 40 | 100 |
| Cardiovascular and respiratory disorders ( M303) | (M102)(M104)(M106)(M108)(M205)(M301) | 2 | 0 | 0 | 2 | 2 | 2 | 60 | 0 | 0 | 40 | 100 |
| Physical Therapy for cardiopulmonary disease and disorders(PT 301) | (M101)(M102)(M105)(M105)(M203)(PT106) | 3 | 1 | 1 | 5 | 7 | 2 | 125 | 20 | 55 | 50 | 250 |
| Diseases, Disorders and injuries of Integumentary system (M 304) | (M103)(M107) | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| General Surgery and plastic surgery (M305) | (M205)(M301)(M302) |  1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Radiology (1) (M306) | (M203) | 1 | 1 | 0 | 3 | 2 | 1 | 60 | 20 |  | 20 | 100 |
| Physical therapy for disease, disorders and injuries of Integumentary system (PT 302) | (M304) | 2 | 1 | 1 | 4 | 6 | 2 | 75 | 20 | 25 | 30 | 150 |
| Pharmacology (2) (M307) | (M206) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Clinical Nutrition and Nutritional Disorders (G301) | (M104)(M108)(M206)(M205)(M 301)(M302)(M307) | 1 | 0 | 0 | 1 | 1 | 1 |  40 | 0 | 0 | 10 | 50 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Elective |  | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total  |  | 18 | 3 | 2 | 24 | 27 |  | 1100 |

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**Level Three-Spring semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Radiology (2) ( M08) | (M101)(M105) | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Traumatology ( M309) | (M205)(M301) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Orthopedic surgery ( M310) | (M205)(M301) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Sports Injuries (M 311) |  | 2 | 0 | 0 | 2 | 2 | 2 | 30 | 0 | 0 | 20 | 100 |
| Physical Therapy for Musculoskeletal diseases and disorders and its surgeries (1)(PT 303) |  | 3 | 1 | 1 | 5 | 7 | 2 | 125 | 20 | 55 | 50 | 250 |
| Physical Therapy for sports Injuries (PT 304) |  | 1 | 1 | 1 | 3 | 5 | 1 | 50 | 10 | 20 | 20 | 100 |
| Orthotics and Prosthesis (PT 305) |  | 1 | 0 | 0 | 1 | 1 | 1 | 30 | 0 | 0 | 20 | 100 |
| Total Quality Management in Health Institutions (G 302) | - | 1 | 0 | 0 | 1 | 1 | 2 | 40 | 0 | 0 | 10 | 50 |
| Elective |  | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total | - | 14 | 4 | 2 | 19 | 24 |  | 950 |

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**Level Four – Fall Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Cardiothoracic Surgeries (M 401)  | (M205)(M301)(M203) | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Palliative Care and Pain Management (M 402)  | **-** | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Physical Therapy for Cardiothoracic surgeries (PT 401) | (PT 301)(M 401) | 1 | 1 | 1 | 3 | 5 | 1 | 75 | 15 | 30 | 30 | 150 |
|  Microbiology (M 403) | (M205)(M301) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
|  Community medicine (M 404) |  | 2 |  | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Research Methodology(G 401) | (G104) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Elective |  | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total  |  | 10 | 1 | 1 | 12 | 14 |  | 600 |

**T= Theoretical, P= Practical, C= Clinical, CH= Contact Hour, WED= Written Exam Duration, CW= Course Work**

**Level Four-Spring semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
|  Neurology (M405) |  | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Neurosurgery (M406) |  | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Psychiatry (M 407) | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Radiology (3) ( M 408) |  | 1 | 1 | 0 | 2 | 3 | 1 | 60 | 20 | 0 | 20 | 100 |
| Physical Therapy for Neurology (PT402) |  | 3 | 1 | 2 | 6 | 9 | 2 | 125 | 20 | 55 | 50 | 250 |
| Physical therapy for Neurosurgery (PT403) |  | 1 | 1 | 2 | 4 | 7 | 1 | 75 | 15 | 30 | 30 | 150 |
| Ergonomics (PT404) |  | 2 | 1 | 0 | 3 | 5 | 2 | 90 | 30 | 0 | 30 | 150 |
| Biostatistics (G402) | (G104)(G401) | 2 | 0 | 0 | 2 | 2 | 2 | 30 | 0 | 0 | 20 | 100 |
| Elective |  | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| **Total**  |  | 15 | 4 | 4 | 23 | 32 |  | 1050 |

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**Level Five - Fall semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Women’s Health (M 501) | - | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Growth and development (PT 501 ) | - | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Epidemiology (M 502) | (M404) | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Physical Therapy for women’s Health (PT 502) | - | 2 | 1 | 2 | 5 | 8 | 2 | 125 | 20 | 55 | 50 | 250 |
| Physical Therapy for Musculoskeletal diseases and disorders and its surgeries (2)(PT 503) | PT303 | 3 | 1 | 1 | 5 | 7 | 2 | 100 | 40 | 20 | 40 | 200 |
| Research Project (1) (PT 504) | (G104)(G401)(G402) | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 60 | 0 | 40 | 100 |
| Integrated care pathway approach (G 501) | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Elective | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total |  | 12 | 4 | 3 | 19 | 26 |  | 900 |

**Level Five – Spring Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| Pediatrics (M 503) | - | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Pediatric Surgery (M 504) | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Physical Therapy for Pediatric (PT 504) | - | 3 | 1 | 1 | 5 | 7 | 2 | 125 | 20 | 55 | 50 | 250 |
| Physical Therapy for Pediatric Surgery (PT 505) | - | 1 | 1 | 1 | 3 | 5 | 1 | 75 | 15 | 30 | 30 | 150 |
|  Internal medicine (2) (M 505) | ( M302) | 2 | 0 | 0 | 2 | 2 | 2 | 80 | 0 | 0 | 20 | 100 |
| Physical Therapy for Geriatrics (PT 506) | ( M302)(M505)(PT 501) | 2 | 1 | 1 | 4 | 6 | 2 | 100 | 20 | 40 | 40 | 200 |
| Research Project (2) (PT 507) | (PT 504) | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 60 | 0 | 40 | 100 |
| Elective | - | 1 | 0 | 0 | 1 | 1 | 1 | 40 | 0 | 0 | 10 | 50 |
| Total | - | 12 | 5 | 3 | 20 | 28 |  | 1000 |

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**Study Plan**

**Internship Phase**

|  |  |  |
| --- | --- | --- |
| **Internship** | **Credit Hours** | **Contact Hours** |
| **36** |  |

List of Elective Courses (E)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Course Title and code** | **Credit Hours** | **CH** | **WED** | **Marks** | **اسم وكود المقرر** |
| **Pre-Request** | **T** | **P** | **C** | **Total** | **Final** | **CW** | **Total** |
| **T** | **P** | **C** |
| 1 | Applications of Ergonomics(E1) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | تطبيقات علم بيئهالعمل (E1) |
| 2 | Community Needs’ Assessment of Physical Therapy Services(E2) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | تقييم احتياجات المجتمع لخدمات العلاج الطبيعي(E2) |
| 3 | Techniques of Continuous Quality Improvement of Physical Therapy Services(E3) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | تقنيات التحسين المستمر لجودة خدمات العلاج الطبيعي(E3) |
| 4 | Advances of Electro diagnosis (E4) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | مستحدثات التشخيص الكهربائي(E4) |
| 5 | Osteopathy(E5) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | علم العظام (استيوبثي) (E5) |
| 6 | Advanced Modalities of Physical Therapy(E6) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | مستحدثات طرق العلاج الطبيعي(E6) |
| 7 | Management of Health Surveys (E7)  | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | اداره المسوحات الصحيه(E7) |
| 8 | History of Physical Therapy(E8) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | تاريخ العلاج الطبيعي(E8) |
| 9 | Self-Development Management(E9) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | اداره التطوير الذاتي(E9) |
| 10 | Technology in Physical Therapy Services (E10) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | التكنولوجيا في خدمات العلاج الطبيعي(E10) |
| 11 | Application of ISO 9001:2015 on Physical Therapy Clinic (E11) | - | 1 | 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 30 | 50 | تطبيقISO2015:9001 علي عياده العلاج الطبيعي(E11) |
| 12 | Clinic Biomechanics(E12)  | - | 1 | 0 | 0 | 1 | 1 | 1 | 30 | 0 | 0 | 20 | 50 | ميكانيكا حيويه اكلينيكيه(E12) |
| 13 | speech therapy(E13) | ـ | 1 | 0 | 0 | 1 | 1 | 1 | 30 | 0 | 0 | 20 | 50 | علاج تخاطب |
| 14 |  pediatric occupational therapy (E14) | ـ | 1 | 0 | 0 | 1 | 1 | 1 | 30 | 0 | 0 | 20 | 50 | علاج وظائفي للأطفال |

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