

**KINGDOM OF SAUDI ARABIA**  
**MINISTRY OF HIGH EDUCATION**  
**NAJRAN UNIVERSITY**



**1433-1434-H**  
**College of Applied Medical Sciences**  
**Department of Physiotherapy**  
**Study Plan**

## FIRST YEAR, Semester 1

| COURSE TITLE                                        | CODE | SYMBOL | WEEKLY HRS |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|-----------------------------------------------------|------|--------|------------|---|-------------------|--------------|----------------|
|                                                     |      |        | L          | P |                   |              |                |
| English Language: Reading skills                    | 140  | ENG    | 2          | - | 2                 | 2            | -              |
| English Language: Writing skills                    | 141  | ENG    | 2          | - | 2                 | 2            | -              |
| English Language: Listening and Conversation Skills | 142  | ENG    | 2          | - | 2                 | 2            | -              |
| English Language: Grammars                          | 143  | ENG    | 2          | - | 2                 | 2            | -              |
| Introduction To Mathematics                         | 140  | MATH   | 2          | - | 2                 | 2            | -              |
| Ideation and Thinking Skills                        | 140  | ETHC   | 2          | - | 2                 | 2            | -              |
| Computer Skills                                     | 140  | TECH   | 3          | - | 3                 | 2            | -              |
| Total                                               |      |        | 15         | - | 15                | 15           |                |

## FIRST YEAR, Semester 2

| COURSE TITLE             | CODE | SYMBOL | WEEKLY HRS |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|--------------------------|------|--------|------------|---|-------------------|--------------|----------------|
|                          |      |        | L          | P |                   |              |                |
| General English Language | 150  | ENG    | 3          | - | 3                 | 3            | -              |
| Writing Reports          | 151  | ENG    | 2          | - | 2                 | 2            | -              |
| Professional Ethics      | 150  | ETHC   | 1          | - | 1                 | 1            | -              |
| Communication Skills     | 150  | SCI    | 2          | - | 2                 | 2            | -              |
| Algebraic Sciences       | 150  | MATH   | 4          | - | 4                 | 4            | -              |
| Total                    |      |        | 12         | - | 12                | 12           |                |

## SECOND YEAR, Semester 3

| COURSE TITLE                             | CODE | SYMBOL | WEEKLY HRS |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|------------------------------------------|------|--------|------------|---|-------------------|--------------|----------------|
|                                          |      |        | L          | P |                   |              |                |
| Human Anatomy (Limbs)                    | 201  | ANATp  | 2          | 1 | 3                 | 4(2+2)       | -              |
| Human Physiology                         | 223  | PHYSp  | 1          | 1 | 2                 | 3(1+2)       | -              |
| Introduction to Biochemistry             | 207  | BICHp  | 1          | 1 | 2                 | 3(1+2)       | -              |
| Introduction to Physics                  | 204  | PHSTp  | 1          | - | 1                 | 1            | -              |
| Arab Writing Skills1                     | 201  | ARB    | 2          | - | 2                 | 2            | -              |
| Computer Application for Health Sciences | 250  | TECHp  | 1          | 1 | 2                 | 3(1+2)       | -              |
| Biostatistics                            | 241  | RESHp  | 2          | - | 2                 | 2            | -              |
| Islamic Culture 1                        | 111  | ISLM   | 2          | - | 2                 | 2            | -              |
| Basic Histology                          | 231  | HISTp  | 1          | 1 | 2                 | 3(1+2)       | -              |
| Total                                    |      |        | 13         | 5 | 18                | 23           |                |

## SECOND YEAR, Semester 4

| COURSE TITLE                   | CODE | SYMBOL | WEEKLY HRS |   | CREDIT UNITS | ACTUAL HOURS | PRE-REQUISITES |
|--------------------------------|------|--------|------------|---|--------------|--------------|----------------|
|                                |      |        | L          | P |              |              |                |
| Neuroanatomy                   | 202  | ANAT   | 2          | 1 | 3            | 4(2+2)       | ANATp 201      |
| Islamic Culture 2              | 112  | ISLM   | 2          | - | 2            | 2            | -              |
| Biochemistry                   | 208  | BICH   | 1          | 1 | 2            | 3(1+2)       | BICHp 207      |
| Neurophysiology                | 224  | PHYS   | 2          | 1 | 3            | 4(2+2)       | PHYSp 223      |
| Electrotherapy 1               | 201  | PHTH   | 1          | 1 | 2            | 3(1+2)       | PHSTp 204      |
| Test and Measurements          | 202  | PHTH   | 2          | 1 | 3            | 4(2+2)       | ANApT 201      |
| Biomechanics and Kinesiology 1 | 203  | PHTH   | 2          | 1 | 3            | 4(2+2)       | ANATp 201      |
| Total                          |      |        | 12         | 6 | 18           | 24           |                |

### THIRD YEAR, Semester 5

| COURSE TITLE                      | CODE | SYMBOL | WEEKLY HRS |   |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|-----------------------------------|------|--------|------------|---|---|-------------------|--------------|----------------|
|                                   |      |        | L          | P | T |                   |              |                |
| Thorax and Abdomen Anatomy        | 310  | ANAT   | 2          | 1 | - | 3                 | 4(2+2)       | ANATp 201      |
| Principles of Exercise Physiology | 311  | PHYS   | 2          | - | - | 2                 | 2            | PHYS 224       |
| Therapeutic Exercises             | 301  | PHTH   | 1          | 1 | - | 2                 | 3(1+2)       | PHYSp 223      |
| Electrotherapy 2                  | 302  | PHTH   | 2          | 1 | - | 3                 | 4(2+2)       | PHTH 201       |
| Hydrotherapy                      | 303  | PHTH   | 1          | 1 | - | 2                 | 3(1+2)       | PHSTp 204      |
| Biomechanics and Kinesiology 2    | 304  | PHTH   | 2          | 1 | - | 3                 | 4(2+2)       | PHTH 203       |
| Medical physics                   | 312  | MPHY   | 1          | - | - | 1                 | 1            | PHSTp 204      |
| Islamic Culture 3                 | 113  | ISLM   | 2          | - | - | 2                 | 2            | -              |
| Total                             |      |        | 13         | 5 | - | 18                | 23           |                |

### THIRD YEAR, Semester 6

| COURSE TITLE                                                                   | CODE | SYMBOL | WEEKLY HRS |   |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|--------------------------------------------------------------------------------|------|--------|------------|---|---|-------------------|--------------|----------------|
|                                                                                |      |        | L          | P | T |                   |              |                |
| Principles of Musculoskeletal Disorders and it's Surgery                       | 312  | ORTH   | 2          | - | - | 2                 | 2            | ANATp 201      |
| Physiotherapy of Musculoskeletal Disorders and it's Surgery (Limbs and Spine ) | 305  | PHTH   | 2          | 2 | - | 4                 | 6(2+4)       | ANAT p201      |
| Rehabilitation for Sports Injuries                                             | 306  | PHTH   | 1          | 1 | - | 2                 | 3(1+2)       | ANAT p201      |
| Prosthetics and Orthotics                                                      | 308  | PHTH   | 1          | 1 | - | 2                 | 3(1+2)       | PHTH 304       |
| Clinical Practice 1                                                            | 307  | PHTH   | -          | 4 | - | 4                 | 8(4+4)       | PHTH 302       |
| Pathology                                                                      | 312  | PATH   | 2          | - | - | 2                 | 2            | HIST p231      |
| Islamic Culture 4                                                              | 114  | ISLM   | 2          | - | - | 2                 | 2            | -              |
| Total                                                                          |      |        | 10         | 8 | 0 | 18                | 26           |                |

### FOURTH YEAR, Semester 7

| COURSE TITLE                                               | CODE | SYMBOL | WEEKLY HRS |   |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|------------------------------------------------------------|------|--------|------------|---|---|-------------------|--------------|----------------|
|                                                            |      |        | L          | P | T |                   |              |                |
| Principles of Cardiac Disorders and it's Surgery           | 410  | CARD   | 2          | - | - | 2                 | 2            | ANAT 310       |
| Physiotherapy for Cardiac Disorders and it's Surgery       | 401  | PHTH   | 2          | 1 | - | 3                 | 4(2+2)       | PHYS 311       |
| Principles of Internal Medicine and Geriatric Diseases     | 411  | INTM   | 2          | - | - | 2                 | 2            | ANAT 310       |
| Physiotherapy for Internal Medicine and Geriatric Diseases | 402  | PHTH   | 2          | 2 | - | 4                 | 6(2+4)       | PHTH 305,      |
| Pulmonary Rehabilitation                                   | 403  | PHTH   | 2          | 1 | - | 3                 | 4(2+2)       | PHYS 311       |
| Clinical Practice 2                                        | 404  | PHTH   | -          | 4 | - | 4                 | 8(4+4)       | PHTH 307       |
| Total                                                      |      |        | 10         | 8 | 0 | 18                | 26           |                |

### FOURTH YEAR, Semester 8

| COURSE TITLE                                               | CODE | SYMBOL | WEEKLY HRS |   |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|------------------------------------------------------------|------|--------|------------|---|---|-------------------|--------------|----------------|
|                                                            |      |        | L          | P | T |                   |              |                |
| Principles of Neuromuscular Disorders and it's Surgery     | 411  | NEUR   | 2          | - | - | 2                 | 2            | INTM 411       |
| Physiotherapy for Neuromuscular Disorders and it's Surgery | 405  | PHTH   | 2          | 2 | - | 4                 | 6(2+4)       | PHTH402        |
| Psychology                                                 | 412  | PSYC   | 1          | - | - | 1                 | 1            | INTM 411       |
| Arab writing Skills2                                       | 202  | ARB    | 2          | - | - | 2                 | 2            | -              |
| Clinical Practice 3                                        | 407  | PHTH   | -          | 4 | - | 4                 | 8(4+4)       | PHTH 404       |
| Evidence-Based Practice                                    | 409  | PHTH   | 1          | - | 1 | 2                 | 3(1+2)       | -              |
| Pharmacology                                               | 413  | PHCL   | 1          | - | - | 1                 | 1            | BICH208,       |
| Research Methodology 1                                     | 414  | RESH   | 1          | - | 1 | 2                 | 3(1+2)       | RESHp 141      |
| Total                                                      |      |        | 10         | 6 | 2 | 18                | 26           |                |

## FIFTH YEAR, Semester 9

| COURSE TITLE                                          | CODE | SYMBOL | WEEKLY HRS |   |   | CREDIT UNITS (CU) | ACTUAL HOURS | PRE-REQUISITES |
|-------------------------------------------------------|------|--------|------------|---|---|-------------------|--------------|----------------|
|                                                       |      |        | L          | P | T |                   |              |                |
| Principles of Pediatrics Disorders and its Surgery    | 510  | PED    | 2          | - | - | 2                 | 2            | NEUR 411       |
| Physiotherapy for Pediatric Disorders and its Surgery | 501  | PHTH   | 2          | 2 | - | 4                 | 6(2+4)       | PHTH 405       |
| Burn Rehabilitation                                   | 502  | PHTH   | 1          | 1 | - | 2                 | 3(1+2)       | ANATp 231      |
| Clinical Practice 4                                   | 503  | PHTH   | -          | 4 | - | 4                 | 8(4+4)       | PHTH 407       |
| Principles of Occupational Therapy                    | 504  | PHTH   | 1          | 1 | - | 2                 | 3(1+2)       | PHTH 405       |
| Research Methodology 2                                | 511  | RESH   | 1          | - | 1 | 2                 | 3(1+2)       | RESH 414       |
| Radiology                                             | 512  | RAD    | 1          | 1 | - | 2                 | 3(1+2)       | ORTH 312       |
| Total                                                 |      |        | 8          | 9 | 1 | 18                | 28           |                |

| TOTAL HOURS     |               |              | CREDIT UNITS (CU) | Total Actual Hours |
|-----------------|---------------|--------------|-------------------|--------------------|
| Literatures (L) | Practical (P) | Tutorial (T) |                   |                    |
| 103             | 47            | 3            | 153               | 203                |

| Practical Training (Internship)                     |
|-----------------------------------------------------|
| Hospital and Community – Based Training – 06 Months |