

CURRICULUM

BACHELOR OF PHYSIOTHERAPY

CHOICE BASED CREDIT SYSTEM

STUDENTS LEARNING OUTCOMES

The Bachelor of Physiotherapy, undergraduate degree MODULE, is a 4-year and 6 months (8 semesters and 6 months internship) full time program. The program is generic in nature. The curriculum and syllabi of Bachelor of Physiotherapy Program conform to Learning Outcome Based Education supplemented by learner's ability enhancement for a flexible and structured choice based Credit system. In general, THE STUDENT OUTCOMES have been identified and the curriculum and syllabi have been chosen in such a way that each of the modules meets one or more of these outcomes. Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. Further, each module in the program spells out clear instructional objectives which are mapped to the student outcomes.

Student Outcome:

At the end of the Bachelor of Physiotherapy Program, the students (graduates) shall

1. Be able to demonstrate the knowledge and understanding on basics of Human Anatomy, Human Physiology, Exercise Therapy and Electro Therapy along with the health related issues which will provide strong foundation for the practice of Physiotherapy.
2. Be able to diagnose patients needing physiotherapy and plan for the appropriate treatment (Electro therapy/ Exercise therapy/procedures)
3. Be able to operate and maintain physiotherapy equipment required for the treatment of patients.
4. Be able to demonstrate skills and techniques of Physiotherapy to assess and treat various physical and functional disorders of the human body.
5. Develop the attitude to practice the profession with moral and ethical values.
6. Be able to demonstrate various skills of handling patients through clinical reasoning and concealing supported by appropriate communication skill.
7. Be able to apply the knowledge to independently deal with patients with creative approach.

SEMESTER 1

| S no. | Module | Module code | Teaching schedule per week | | | | CREDITS | Evaluation scheme | | |
|-------|---|----------------------------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | English communication | ENGL0103 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 2. | Human anatomy- I | PSIO1101 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 3. | Human anatomy- I lab | PSIO1102 | 0 | 4 | 3 | 0 | 3.0 | 40 | 60 | 100 |
| 4. | Human physiology- I | PSIO1103 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 5. | Human physiology- I lab | PSIO1104 | 0 | 2 | 3 | 0 | 2.0 | 40 | 60 | 100 |
| 6. | Electrotherapy - I | PSIO1105 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 7. | Electrotherapy - I Lab | PSIO1106 | 0 | 6 | 3 | 0 | 4.0 | 40 | 60 | 100 |
| 8. | Introduction to computer applications | COAP0101 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 9. | Introduction to computer applications Lab | COAP0102 | 0 | 2 | 0 | 0 | 1.0 | 40 | 60 | 100 |
| 10. | Foreign language French German Spanish | LANF0101 LANG0102 LANS0103 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| | | TOTAL | 18 | 14 | 9 | 0 | 28 | 400 | 600 | 1000 |

L= LECTURE; P= PRACTICAL; SPT = SPECIALISED PRACTICAL TRAINING; SCT= SPECIALISED CLINICAL TRAINING

CREDIT EQUIVALENCE: 1 LEC HOUR = 1 CREDIT

2 PRACTICAL HOUR= 1 CREDIT

3 SPT/ SCT HOUR = 1 CREDIT

SEMESTER 2

| S no. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|-------|---|----------------------------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | Environmental Science | ENVS0101 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 2. | Human anatomy- II | PSIO1107 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 3. | Human anatomy- II lab | PSIO1108 | 0 | 4 | 3 | 0 | 3.0 | 40 | 60 | 100 |
| 4. | Human physiology- II | PSIO1109 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 5. | Human physiology- II lab | PSIO1110 | 0 | 2 | 3 | 0 | 2.0 | 40 | 60 | 100 |
| 6. | Electrotherapy - II | PSIO1111 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 7. | Electrotherapy - II Lab | PSIO1112 | 0 | 6 | 3 | 0 | 4.0 | 40 | 60 | 100 |
| 8. | Biochemistry | PSIO1113 | 3 | 0 | 0 | 0 | 3.0 | 40 | 60 | 100 |
| 9. | Foreign language French German Spanish | LANF0101 LANG0102 LANS0103 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| | | TOTAL | 19 | 12 | 9 | 0 | 28 | 360 | 540 | 900 |

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CREDIT EQUIVALENCE: 1 LEC HOUR = 1 CREDIT

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SEMESTER 3

| S no. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|-------|----------------------------------|-------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | Exercise therapy - I | PSIO2101 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 2. | Exercise therapy - I Lab | PSIO2102 | 0 | 6 | 3 | 0 | 4.0 | 40 | 60 | 100 |
| 3. | Biomechanics - I | PSIO2103 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 4. | Biomechanics - I lab | PSIO2104 | 0 | 2 | 3 | 0 | 2.0 | 40 | 60 | 100 |
| 5. | Pathology and microbiology | PSIO2105 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 6. | Pharmacology - I | PSIO2106 | 3 | 0 | 0 | 0 | 3.0 | 40 | 60 | 100 |
| 7. | First aid and emergency care | PSIO2107 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 8. | First aid and emergency care Lab | PSIO2108 | 0 | 2 | 3 | 0 | 2.0 | 40 | 60 | 100 |
| 9. | Aptitude - I | VALU0119 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 10. | Professional communication - I | VALU0123 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| | | TOTAL | 21 | 10 | 09 | 0 | 29.0 | 400 | 600 | 1000 |

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SEMESTER 4

| S no. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|-------|---------------------------------|-------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | Exercise therapy - II | PSIO2109 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 2. | Exercise therapy - II Lab | PSIO2110 | 0 | 6 | 0 | 3 | 4.0 | 40 | 60 | 100 |
| 3. | Biomechanics - II | PSIO2111 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 4. | Biomechanics - II lab | PSIO2112 | 0 | 2 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 5. | Pharmacology - II | PSIO2113 | 3 | 0 | 0 | 0 | 3.0 | 40 | 60 | 100 |
| 6. | Community medicine & sociology | PSIO2114 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 7. | Community medicine Lab | PSIO2115 | 0 | 2 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 8. | Aptitude - II | VALU0120 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 9. | Professional communication - II | VALU0124 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 10. | Yoga | VALU0118 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| | | TOTAL | 21 | 10 | 00 | 09 | 29.0 | 400 | 600 | 1000 |

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3 SPT/ SCT HOUR = 1 CREDIT

SEMESTER 5

| Sno. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|------|--------------------------------|-------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | General medicine - I | PSIO3101 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 2. | General medicine Lab - I | PSIO3102 | 0 | 6 | 0 | 3 | 4.0 | 40 | 60 | 100 |
| 3. | Orthopedics & traumatology | PSIO3103 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 4. | Orthopedics & traumatology Lab | PSIO3104 | 0 | 4 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 5. | Psychology | PSIO3105 | 3 | 0 | 0 | 0 | 3.0 | 40 | 60 | 100 |
| 6. | Surgery - I | PSIO3106 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 7. | Surgery Lab - I | PSIO3107 | 0 | 4 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 8. | Diagnostic imaging | PSIO3108 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| | | TOTAL | 17 | 14 | 0 | 9 | 27 | 320 | 480 | 800 |

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3 SPT/ SCT HOUR = 1 CREDIT

SEMESTER 6

| Sno. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|------|--|-------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | General surgery II | PSIO3109 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 2. | General surgery lab- II | PSIO3110 | 0 | 6 | 0 | 3 | 4.0 | 40 | 60 | 100 |
| 3. | General medicine II | PSIO3111 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 4. | General medicine II Lab | PSIO3112 | 0 | 6 | 0 | 3 | 4.0 | 40 | 60 | 100 |
| 5. | Research methodology and biostatistics | PSIO3113 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 6. | General neurology | PSIO3114 | 3 | 0 | 0 | 0 | 3.0 | 40 | 60 | 100 |
| 7. | General neurology lab | PSIO3115 | 0 | 2 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 8. | Professionalism and values | PSIO3116 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| | | TOTAL | 17 | 14 | 0 | 9 | 27 | 320 | 480 | 800 |

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CREDIT EQUIVALENCE: 1 LEC HOUR = 1 CREDIT

2 PRACTICAL HOUR= 1 CREDIT

SEMESTER 7

| Sno. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|------|---|-------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | Physiotherapy in musculoskeletal conditions | PSIO4101 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 2. | Physiotherapy in musculoskeletal conditions lab | PSIO4102 | 0 | 4 | 0 | 3 | 3.0 | 40 | 60 | 100 |
| 3. | Physiotherapy in community based rehabilitation | PSIO4103 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 4. | Physiotherapy in community based rehabilitation Lab | PSIO4104 | 0 | 4 | 0 | 3 | 3.0 | 40 | 60 | 100 |
| 5. | Pediatrics neurology | PSIO4105 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 6. | Pediatrics neurology lab | PSIO4106 | 0 | 2 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 7. | Specialized minor project | PSIO4107 | 1 | 8 | 0 | 3 | 6.0 | 40 | 60 | 100 |
| | | TOTAL | 11 | 18 | 0 | 12 | 24 | 280 | 420 | 700 |

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CREDIT EQUIVALENCE: 1 LEC HOUR = 1 CREDIT

2 PRACTICAL HOUR= 1 CREDIT

SEMESTER 8

| Sno. | Module | Module code | Teaching schedule per week | | | | Credits | Evaluation scheme | | |
|------|---|-------------|----------------------------|----|---------|-----|---------|-------------------|------|-------|
| | | | L | P | SP T | SCT | | INT. | EXT. | TOTAL |
| 1. | Physiotherapy in neurological conditions | PSIO4108 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 2. | Physiotherapy in neurological conditions lab | PSIO4109 | 0 | 4 | 0 | 3 | 3.0 | 40 | 60 | 100 |
| 3. | Physiotherapy in cardiorespiratory and general conditions | PSIO4110 | 4 | 0 | 0 | 0 | 4.0 | 40 | 60 | 100 |
| 4. | Physiotherapy in cardiorespiratory and general conditions lab | PSIO4111 | 0 | 4 | 0 | 3 | 3.0 | 40 | 60 | 100 |
| 5. | Sports physiotherapy | PSIO4112 | 2 | 0 | 0 | 0 | 2.0 | 40 | 60 | 100 |
| 6. | Sports physiotherapy lab | PSIO4113 | 0 | 2 | 0 | 3 | 2.0 | 40 | 60 | 100 |
| 7. | Specialized major project | PSIO4114 | 1 | 8 | 0 | 3 | 6.0 | 40 | 60 | 100 |
| | | TOTAL | 11 | 18 | 0 | 12 | 24 | 280 | 420 | 700 |

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CREDIT EQUIVALENCE: 1 LEC HOUR = 1 CREDIT

2 PRACTICAL HOUR= 1 CREDIT