

<b>1. Learning Outcomes, Teaching, Learning and Assessment Methods</b>
<b>A. Knowledge and Understanding</b>
A1. <u>Concepts and theories</u> : Demonstrate detailed knowledge and understanding of key principles, theories and concepts of biological, physical, behavioural sciences in relation to health and rehabilitation sciences which form the foundations of physiotherapy practice.
A2. <u>Contemporary Trends, Problems and Research</u> : Demonstrate knowledge and critical understanding of research concepts and methods in the allied health professions, and their importance for the advancement of physiotherapy knowledge and practice. Demonstrate critical understanding of the latest developments, problems and controversies in the field of physiotherapy uncovered by research.
A3. <u>Professional responsibility</u> : Critical understanding of best practices related to day-to-day professional activities of the physiotherapist.
<b>Teaching and Learning Methods</b>
Lectures, seminars, case studies (theoretical and practical/clinical), self-directed reading. These methods are supplemented by exposure to physiotherapy practice in a variety of clinical settings.
<b>Assessment Methods</b>
Written test/quizzes and examinations, simulations/role-play (i.e. case studies), oral presentations, research project
<b>B. Subject-Specific Skills</b>
B1. <u>Problem Solving</u> : Evaluate data and information using quantitative and qualitative techniques to determine health status and/or related outcomes in the context of applied medical sciences, clinical physiotherapy or routine research activities.
B2. <u>Modeling and design</u> : Use models of health and disability in the prevention, treatment and management of illness and injury.
B3. <u>Application of Methods and Tools</u> : Implement safely and appropriately medical and physiotherapy equipment, as well as techniques and principles of examination and treatment. Use routine software (e.g. literature search engines and Microsoft Excel™) to identify the latest research findings and to facilitate data analysis and presentation.
B4. <u>Research Project</u> : Execute a defined project of research in the field of physiotherapy and/or healthcare, using the scientific method.
<b>Teaching and Learning Methods</b>
Practical skills laboratory sessions, clinical practice-based skills sessions, case studies, graded homework and problem sets (embedded in the laboratory manual), oral presentations.
<b>Assessment Methods</b>
Practical skills tests (laboratory or clinical setting), projects, research projects, individual oral presentations, case-studies.
<b>C. Critical Thinking Skills</b>

<b>C1. Analytic:</b> Analyze data and information derived from paper-based or actual clinical cases, using clinical reasoning skills, in order to determine the patient's diagnosis and/or problem list. Analyze data from research activities and identify key findings.
<b>C2. Synthetic:</b> Through application of clinical reasoning skills, synthesize information from the patient's problem list, the patient's physical, psychological and socio-cultural needs as well as evidence-based practice in order to construct a safe, specific and effective treatment plan and make a realistic prognosis for the patient. Interpret research findings in light of the current evidence-base and provide relevant conclusions and professional level recommendations.
<b>C3. Creative:</b> Demonstrate some creativity in raising public awareness of health promotion issues.
<b>Teaching and Learning Methods</b>
Laboratory or clinical practice-based skills sessions, lecture, case studies
<b>Assessment Methods</b>
Practical/clinical skills test/exams, written examination, case studies, oral participation
<b>D. General and Transferable Skills ( other skills relevant to employability and personal development)</b>
D1. <b>Communication:</b> Communicate effectively physiotherapy and healthcare-related issues in oral and written format with class peers, course instructors and members of the multi-disciplinary health care team including patients/clients and carers.
D2. <b>Teamwork and Leadership:</b> Work effectively with, and where appropriate lead, class peers in order to complete tasks. Conduct clinical work effectively under guidance of qualified health professionals.
D3. <b>Organisational and Developmental skills:</b> Demonstrate life-long learning skills such as time-management and study skills as well as reflective practice in the academic and clinical environment.
D4. <b>Ethics and Social Responsibility:</b> Express a comprehensive view of ethical, social and legal issues involved in the delivery of health care. Demonstrate ethical reasoning and behavior in routine physiotherapy practice and research, with respect to the profession's code of conduct.
<b>Teaching and Learning Methods</b>
Lectures, seminars, case studies, group work, self-directed reading, practice based learning.
<b>Assessment Methods</b>
Written assignment, group projects, report writing, oral presentations, written examinations, case studies, Practical/clinical skills test/exams