Module name : **Anatomy of the Musculoskeletal System**
Module number (IPP) : 1.11

Learning Outcomes

Competences	Recognise and explain key events in embryonic development and relate them to the development of the human musculoskeletal system
Knowledge	Describe the structure, function and interrelationships of bodily systems and their role in maintaining health
Skills	The learner will be able to: **Applying knowledge and understanding** Identify superficial anatomical structures and reference points through observation and palpation **Judgment Skills and Critical Abilities** a) Development of basic principles useful for physiotherapy practice b)Self-learning management c) Demonstrate effective team working and taking initiative within understood clear boundaries. **Module-Specific Communication Skills** a) Develop confidence in communicating verbally within academic setting with peers, colleagues and assessors **Module-Specific Learner Skills** a) Apply terminology applied to the anatomy of the musculoskeletal system b) Describe the physiological organisation in the human body **Module-Specific Digital Skills and Competences** a) Computer literacy related to academic skills
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals.
How this particular module/unit will be assessed	**Assessment 1** Theoretical examination written short answers including multiple choice Exam duration: 60 minutes Weighting: 55% **Assessment 2 : Viva** Exam duration : 30 minutes Weighting: 45% This part of the exam will test the practical competence of the student in the identification of the anatomical parts of the musculoskeletal system. Pass mark 50%

Module name : **Neuroanatomy and Physiology**
Module number (IPP) : 1.12

Learning Outcomes

Competences	Recognise and explain key events in embryonic development and relate them to the development of the human musculoskeletal system
Knowledge	Describe the structure, function of the CNS and the PNS and their role in maintaining mental, sensory and motor functions.
Skills	The learner will be able to: **Applying knowledge and understanding** a) identify and locate the anatomical structures of the brain of the CNS and PNS **Judgment Skills and Critical Abilities** a) Develop of basic principles useful for physiotherapy . b) Communicate appropriately with professional colleagues in practical settings **Module-Specific Communication Skills** a) Problem solving" b) Communicate appropriately with professional colleagues in practical settings **Module-Specific Learner Skills** a) locate superficial anatomical structures and landmarks through observation and **Module-Specific Digital Skills and Competences** a) Use of digital search engines c) etc.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals .
How this particular module/unit will be assessed	**Assessment 1** Theoretical examination (anatomical knowledge) Exam duration: 90 min . Weighting: 80% **Assessment 2** Oral exam Examination (Specific anatomical knowledge) Examination duration: 30 minutes Relative weight: 20% Pass mark 50%

Module name : **Functional And Palpatory Anatomy**
Module number (IPP) : 1.13

Learning Outcomes

Competences	Recognise and explain key events in embryonic development and relate them to the development of the human musculoskeletal system
Knowledge	To demonstrate and explain normal joint range of movement and muscle actions.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Accurately locate superficial anatomical structures and landmarks through observation and palpation **Judgment Skills and Critical Abilities** a) The development of safe practice **Module-Specific Communication Skills** a) Information literacy related to academic skills b) Planning and organisation c) Team working d) Time management **Module-Specific Learner Skills** a) Identify the function of the muscles involved in the movement (agonists, antagonists, stabilizers, fixators) **Module-Specific Digital Skills and Competences** a) Use of information technology to support the use of application software.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals .
How this particular module/unit will be assessed	**Assessment 1** Written examination (Generic anatomical knowledge) Exam duration: 20 min . Weighting: 35% **Assessment 2** Practical examination (Specific and functional anatomical knowledge) Examination duration: 20 minutes Relative weight: 65% Pass mark 50%

Module name : **Visceral Anatomy And Histology**
Module number (IPP) : 1.14

Learning Outcomes

Competences	Describe the structure and function of the major organs in the head, chest and abdomen (Gross Anatomy and Histology).
Knowledge	To demonstrate an understanding of the relationship between the normal structure and function of the organism on a pathophysiological level
Skills	The learner will be able to: **Applying knowledge and understanding** a) Ability to detect and locate the anatomical structures and organs of the visceral system, according to their specific function. **Judgment Skills and Critical Abilities** a) Demonstrate knowledge of biology and medical genetics to develop analytical skills, scientific reasoning and interdisciplinary skills **Module-Specific Communication Skills** a) Improve written and oral communication skills **Module-Specific Learner Skills** a) Understanding and Knowledge of Visceral Anatomy macroscopically and microscopically. **Module-Specific Digital Skills and Competences** a) Using computer technology to support the use of application software
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals .
How this particular module/unit will be assessed	**Assessment 1** Written examination Exam duration: 60 min . Weighting: 55% **Assessment 2** Oral examination Examination duration: 20 minutes Relative weight: 45% Pass mark 50%

Module name : **General Physiology**
Module number (IPP) : 1.15

Learning Outcomes

Competences	Explain the key physiological processes that maintain and regulate the healthy human
Knowledge	An understanding of the basics of body fluids and electrolyte physiology and their application in health and disease
Skills	The learner will be able to: **Applying knowledge and understanding** a) describe the structure, function and interrelationships of the body systems, and their role in the maintenance of health. **Judgment Skills and Critical Abilities** a) Identify and localize the anatomical structures and the basic organs, which regulate general physiology, based on their specific anatomy and function, and know the optimal ratios for the correct functionality of the entire human organism **Module-Specific Communication Skills** a) scientific reasoning **Module-Specific Learner Skills** a) The learner will be able to **Module-Specific Digital Skills and Competences** a) Using computer technology to support the use of application software.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals.
How this particular module/unit will be assessed	**Assessment 1** Theoretical examination (Generic physiological knowledge) Exam duration: 60 min . Weighting: 50% **Assessment 2** Theoretical examination (Specific and applied physiological knowledge) Examination duration: 30 minutes Relative weight: 50% Pass mark 50%

Module name : **Biochemistry**
Module number (IPP) : 1.21

Learning Outcomes

Competences	Understand the metabolic and catabolic reactions and processes that take place within the human body
Knowledge	Describe the structure, function and interrelationships of the main biomolecule and metabolic processes in which they take part as reagents.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply knowledge about functional groups and biomolecules to infer some of their physical, chemical and biochemical properties and possible effects on humans. **Judgment Skills and Critical Abilities** a) Understand the ways in which biochemical principles can be applied in therapy **Module-Specific Communication Skills** a) Analytical Skills b) Apply appropriate scientific and medical terminology **Module-Specific Learner Skills** a) Capacity to understand the logical link between microscopic and macroscopic mechanisms within the human body **Module-Specific Digital Skills and Competences** a) Collect data from primary and secondary sources; interpret and apply this appropriately
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals.
How this particular module/unit will be assessed	**Assessment 1** Theoretical examination Exam duration: 60 min . Weighting: 55% **Assessment 2** Oral examination Examination duration: 20 minutes Relative weight: 45% Pass mark 50%

Module name : **Biology and Medical Genetic**
Module number (IPP) : 1.22

Learning Outcomes

Competences	To understand the basis of biology and medical genetics required to study courses in physiotherapy
Knowledge	Describe the structure and role of DNA in disease and inheritance
Skills	The learner will be able to: **Applying knowledge and understanding** a) apply basic science to understanding medical molecular function and diagnosis **Judgment Skills and Critical Abilities** a) Ability to understand the logical link between microscopic and macroscopic mechanisms within the human body **Module-Specific Communication Skills** a) Group work b) Apply appropriate scientific and medical terminology **Module-Specific Learner Skills** a) Basic knowledge of biology and medical genetics to develop analytical skills, scientific reasoning and interdisciplinary skills **Module-Specific Digital Skills and Competences** a) Demonstrate IT skills to complete coursework assessment component b) Search for and select relevant sources of information and can cite and reference correctly c) Develop IT skills
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals.
How this particular module/unit will be assessed	**Assessment 1** Written examination Exam duration: 45 min . Weighting: 35% **Assessment 2** Oral examination (Specific and functional anatomical knowledge) Examination duration: 20 minutes Relative weight: 35% Pass mark 50%

Module name : **Physics for Health Sciences**
Module number (IPP) : 1.23

Learning Outcomes

Competences	Apply the laws of physics to the human body mainly from the perspective of the design and verification of rehabilitation programs
Knowledge	Describe the mathematics behind the laws of physics in relation to the mechanics, thermodynamics and electromagnetism of the human body
Skills	The learner will be able to: **Applying knowledge and understanding** a) Know how to apply the laws of physics to the human body mainly from the perspective of the design and verification of rehabilitative pathways. **Judgment Skills and Critical Abilities** a) Discuss and apply physics to the therapeutic instruments ,electric and magnetic and ionizing radiation commonly used by Physiotherapist **Module-Specific Communication Skills** a)Express ideas clearly and unambiguously in writing and the spoken work b) Apply appropriate scientific and medical terminology, both verbally and in written work **Module-Specific Learner Skills** a) Development of a solid physiotherapy practice b) Evaluation skills related to the rehabilitation practice **Module-Specific Digital Skills and Competences** a) The learner will be able to b) Demonstrate IT skills to complete coursework assessment component c) Search for and select relevant sources of information and can cite and reference correctly d) Develop IT skills
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	This module will be delivered through three 2-hour lecture.
How this particular module/unit will be assessed	**Assessment 1** Theoretical examination (Basic physics knowledge) Exam duration: 1 hour . Weighting: 65% **Assessment 2** Oral examination Examination duration: 20 minutes Relative weight: 35% Pass mark 50%

Module name : **Introduction to Psychology**
Module number (IPP) : 1.31

Learning Outcomes

Competences	Apply the impact of psychological dysfunction in different rehabilitation fields
Knowledge	Apply psychological theory to specific health issues or illnesses
Skills	The learner will be able to: **Applying knowledge and understanding** a) Discuss the role of stress in illness and how stress is measured **Judgment Skills and Critical Abilities** a) the psychological elements in relation to the therapeutic management of the patient **Module-Specific Communication Skills** a) Understanding and applying different communication strategies dependent on psychological need of the patient **Module-Specific Learner Skills** a) Development of principles useful for physiotherapy practice
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	This module will be delivered through three 3-hour lecture and practicals.
How this particular module/unit will be assessed	**Assessment 1** Written examination (Generic anatomical knowledge) Exam duration: 20 min . Weighting: 35% **Assessment 2** Practical examination (Specific and functional anatomical knowledge) Examination duration: 20 minutes Relative weight: 65% Pass mark 50%

Module name : **Social Science and Communication**
Module number (IPP) : 1.32

Learning Outcomes

Competences	Understand the theory of sociological factors and communication in Health care setting .
Knowledge	Show an understanding of diversity within society, including cultural, religious and sexuality.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate understanding of the role of communication within Health Care. **Judgment Skills and Critical Abilities** a) demonstrate evaluation skills related to communicative-rehabilitation practice **Module-Specific Communication Skills** a) Develop a secure communication practice with a range of patient **Module-Specific Learner Skills** a) understand the role of a student as a developing physiotherapist b) Frameworks of health in society **Module-Specific Digital Skills and Competences** a) Search for appropriate and relevant information sources b) Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	Didactic lessons, practical interactive lessons, simulations, group work
How this particular module/unit will be assessed	**Assessment 1** Written examination (Generic anatomical knowledge) Exam duration: 60 min . Weighting: 100% Pass mark 50%

Module name : **Mandatory Training 1 Legislation, Procedures, and Regulations**
Module number (IPP) : 1.41

Learning Outcomes

Competences	Understand different health and social care structures and provisions
Knowledge	Describe selected health and social care policies
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply appropriate WCPT guideline for standards of physical therapy practice **Judgment Skills and Critical Abilities** a) Understanding legislation of the working environment and its Regulations b) Manage self-learning and independent working c) Further develop safe practice and professionalism d) Successfully apply planning and organisation skills **Module-Specific Communication Skills** a) work as a team b) Express ideas clearly and unambiguously in writing and the spoken work **Module-Specific Learner Skills** a) The ability to handle loads safely **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for data gathering and presentations. b) Search for appropriate and relevant information sources c) Demonstrate presentation skills utilising verbal and non-verbal communication tools
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The lecture and workshop programme is designed to enable students to examine key issues with regard to health and physiotherapy legislation in order to make links between theory, health and social care policy procedures and practice.
How this particular module/unit will be assessed	**Assessment 1** Group presentation Exam duration: 10 min . Weighting: 20% **Assessment 2** Written test (open-ended questions) Relative weight: 80% Pass mark 50%

Module name : **Mandatory Training 2 Physiotherapy safe practice**
Module number (IPP) : 1.42

Learning Outcomes

Competences	Identify the principles and general rules of manual cargo handling, and avoiding physical risks.
Knowledge	understand the origins of physiotherapy, and will have acquired the ethical principles of Rehabilitation.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate theoretical understanding of practical ergonomics management and education in the workplace **Judgment Skills and Critical Abilities** a) prevent the most common pathologies affecting the physiotherapist, such as lumbar spine and biomechanical overload problems **Module-Specific Communication Skills** a) act in the relationship with the patient and in the workplace b) Express ideas clearly and unambiguously in writing and the spoken work **Module-Specific Learner Skills** a) Demonstrate the technical skills of analysis and observation of movement b) Demonstrate understanding, plus safe and effective application of all equipment used in standard examinations of major body systems **Module-Specific Digital Skills and Competences** a) use evaluation skills related to the rehabilitation practice b) Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The lecture and workshop programme is designed to enable students to examine key issues relating to clinical practice, ergonomics and ethical dilemmas.
How this particular module/unit will be assessed	**Assessment 1** Written examination (Generic Theoreticall knowledge) Exam duration: 60 min . Weighting: 100% Pass mark 50%

Module name : **Mandatory Training 3 Public Health**
Module number (IPP) : 1.43

Learning Outcomes

Competences	Identify common infectious diseases and modes of transmission.
Knowledge	Understand and explain the principles of immunology and immunisations.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Implement hygiene and safety protocols as well as the rules of good professional practice **Judgment Skills and Critical Abilities** a) Describe principles of analysis of a community's health problems b) Develop safe practice and professionalism c) Successfully apply planning and organisation skills d) Demonstrate team work and initiative **Module-Specific Communication Skills** a)Apply appropriate scientific and medical terminology, both verbally and in written work b) Present, challenge and defend ideas and results effectively, orally and in writing **Module-Specific Learner Skills** a) Describe the role of hygiene in health care b) Emergency measures in case of biohazard accident. **Module-Specific Digital Skills and Competences** a) learn to collect epidemiological data for the purpose of health maintaining and disease preventing. b) Search for appropriate and relevant information sources c) Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The lecture and workshop programme is designed to enable students to examine key issues relating to clinical practice, and the prevention and control of disease.
How this particular module/unit will be assessed	**Assessment 1** Written examination (Generic Theoretical knowledge) Exam duration: 20 min . Weighting: 35% Pass mark 50%

Module name : **Rehabilitative Medicine**
Module number (IPP) : 1.51

Learning Outcomes

Competences	Explain the pathological processes involved in complex musculoskeletal conditions and discuss how physiotherapy intervention may facilitate healing.
Knowledge	Explain, utilising anatomical, physiological and biomechanical knowledge, the rationale behind assessment and treatment options for a given sign or symptom.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate accurate, effective and safe application of a specified range of generic assessment and treatment skills on healthy subjects and/or peers **Judgment Skills and Critical Abilities** a)Discus the application and justification of Rehabilitative tools b) Demonstrate understanding on the importance of clinical screening and recognising when these should be applied c) Demonstrate understanding, plus safe and effective application of all equipment used in standard examinations of major body systems **Module-Specific Communication Skills** a) Written and oral communication skills b) Present, challenge and defend ideas and results effectively, orally and in writing **Module-Specific Learner Skills** a) Demonstrate skilful application and critical understanding of a range of standard systems examination techniques b) Demonstrate good knowledge and critical understanding of physiotherapy protocols and their application in clinical practice **Module-Specific Digital Skills and Competences** a) Apply appropriate scientific and medical terminology b) Further develop academic writing skills appropriate for coursework and written assessments
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	This module is practically-based and supported by lectures and seminars.
How this particular module/unit will be assessed	**Assessment 1** 2 Objective Structured Physical Examination (OSPE) Exam duration: 30 min . Weighting: 50% *2 Pass mark 50%

Module name : **Manual Therapy 1**
Module number (IPP) : 1.52

Learning Outcomes

Competences	Justify muscular skeletal examination and its implications for manipulative treatment
Knowledge	Correctly identify and justify indications and contraindications for manipulative techniques
Skills	The learner will be able to: Applying knowledge and understanding a) Perform basic manipulative techniques to increase the range of movement and reduce pain, as part of a rehabilitation program Judgment Skills and Critical Abilities a) Recognize trigger points and deactivate them b) Identify dysfunctional situations in joint and tissue mobility c) Discuss the results of routine joint examinations and their implications for manipulative treatment Module-Specific Communication Skills a) Communicate effectively with patient and health professional b) Apply appropriate scientific and medical terminology c) Further develop academic writing skills appropriate for coursework and written assessments Module-Specific Learner Skills a) Identify the anatomical reference points used in the manipulative techniques b) Demonstrate skilful application and critical understanding of a range of manual therapy techniques including articulation and manipulative techniques to a range of neuro-musculoskeletal and non-musculoskeletal conditions. Module-Specific Digital Skills and Competences a) Develop IT skills to assist in completing all assessment component b) Search for appropriate and relevant information sources c) Presentation skills using audio and visual content
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	This module is practical based and supported by lectures and seminars.
How this particular module/unit will be assessed	**Assessment 1** 2 Objective Structured Physical Examination (OSPE) Exam duration: 300 min . Weighting: 50% *2 Pass mark 50%

Module name : **Instrumental Physiotherapy**
Module number (IPP) : 1.53

Learning Outcomes

Competences	How electrophysical therapy intervenes and changes tissues (muscular and osteoarticular).
Knowledge	Understand and explain the indications and contraindications of physical and instrumental therapy.
Skills	The learner will be able to: **Applying knowledge and understanding** a) calibrate the instrumental values correctly in order to dispense the correct dosage in each individual case **Judgment Skills and Critical Abilities** a) administer the most suitable electro-medical device for pathology and be aware of the correct use to be made. b) Understand, explain and appropriately apply clinical abbreviations c) Demonstrate understanding, plus safe and effective application of all equipment used in standard physiotherapy protocols d) Accurately apply clinical reasoning skills through the use of clinical case scenarios **Module-Specific Communication Skills** a) Present, challenge and defend ideas and results effectively, orally and in writing b) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research **Module-Specific Learner Skills** a) Recognise the presentation and understand the significance of abnormal or dysfunctional states. b) Demonstrate skilful application and critical understanding of a range of standard systems examination techniques c) Demonstrate good knowledge and critical understanding of physiotherapy devices and their application in clinical practice **Module-Specific Digital Skills and Competences** a)Calibration and application of electro-medical devices b) Apply appropriate scientific and medical terminology c) Further develop academic writing skills appropriate for coursework and written assessments d) Demonstrate presentation skills utilising verbal and non-verbal communication tools
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	This module is practical based and supported by lectures and seminars.
How this particular module/unit will be assessed	**Assessment 1** Two Objective Structured Physical Examination (OSPE) Exam duration: 30 min . Weighting: 50% *2 Pass mark 50%

Module name : **Massage Therapy**
Module number (IPP) : 1.54

Learning Outcomes

Competences	Recognise and assess soft tissue structures by palpation.
Knowledge	Knowledge of the history and principles of massage.
Skills	The learner will be able to: **Applying knowledge and understanding** a) ability to administer and justify the right massage techniques for an area of dysfunction **Judgment Skills and Critical Abilities** a)Explain and justify structure changes and alteration due to application of massage techniques b) Understand, explain and appropriately apply clinical abbreviations c) Successfully apply planning and organisation skills d) Demonstrate team-work and initiative e) Develop safe practice and professionalism **Module-Specific Communication Skills** a) communicate effectively with patient and health care professionals b) Express ideas clearly and unambiguously in writing and the spoken work c) Apply appropriate scientific and medical terminology, both verbally and in written work **Module-Specific Learner Skills** a) discus Indications and contraindications of lymph drainage b) Recognise the presentation and understand the significance of abnormal or dysfunctional states. **Module-Specific Digital Skills and Competences** a) Develop IT skills necessary for planning and completing all modes of assessment b) Search for appropriate and relevant information sources
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	This module is practical based and supported by lectures and seminars.
How this particular module/unit will be assessed	**Assessment 1** Objective Structured Physical Examination (OSPE) Exam duration: 30 min . Weighting: 100% Pass mark 50%

Module name : **Biomechanics And Kinesiology**
Module number (IPP) : 1.55

Learning Outcomes

Competences	Demonstrate kinesiological evaluation skills for assessing and comparing body function, activity and strength.
Knowledge	Explain the Biomechanical principles underlying normal and abnormal movement in the human body.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply the principles of Kinesiology for biomechanical analysis and physiotherapy treatment **Judgment Skills and Critical Abilities** a) Organize, plan and carry out a kinesiological evaluation of movements and activities in daily life b) Understand, explain and appropriately apply clinical abbreviations c) Describe and conduct standard examination procedures, whilst demonstrating ability to interpret the findings correctly d) Accurately apply differential thinking and clinical resonating skills through the use of clinical case scenarios **Module-Specific Communication Skills** a) Research, analyse and interpret the data necessary for the preparation of a functional evaluation b) Express ideas clearly and unambiguously in writing and the spoken work c) Apply appropriate scientific and medical terminology, both verbally and in written work d) Present, challenge and defend ideas and results effectively, orally and in writing e) Integrate justification using research into all assessment components **Module-Specific Learner Skills** a) Know indications, precautions and contraindications to the kinesiology evaluation b) Recognise the presentation and understand the significance of abnormal or dysfunctional states. b) Demonstrate skilful application and critical understanding of a range of standard systems examination techniques **Module-Specific Digital Skills and Competences** a) Develop IT skills to assist in completing all assessment component b) Search for appropriate and relevant information sources
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	This module is practical based and supported by lectures and seminars.
How this particular module/unit will be assessed	**Assessment 1** Essay on the principles and concepts Weighting: 30% **Assessment 2** Objective Structured Physical Examination (OSPE) Examination duration: 45 minutes Relative weight: 70% Pass mark 50%

Module name : **Clinical & Professional Practice**
Module number (IPP) : 1.61

Learning Outcomes

Competences	a) Integrate health and safety legislation into physiotherapy practice taking account of local policy and procedures b) demonstrate and apply reflective skills that will enable the enhancement for self and patient management skills
Knowledge	Demonstrate, in the practice setting, the application of evidenced based physiotherapy knowledge, skills, underlying concepts and principles introduced on the programme and practice setting.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Establish a therapeutic relationship, demonstrating sensitivity to the needs of others, having an awareness of physical, psychosocial and cultural needs. **Judgment Skills and Critical Abilities** a)Demonstrate reflective skills that will enable the enhancement for self and patient management skills. **Module-Specific Communication Skills** a) Specific communication skills for Health care practioners b) Evaluation skills related to rehabilitative practice c) effectively recording patient history **Module-Specific Learner Skills** a) React in emergency situations and be able to detect vital signs
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	9
How this module/unit will be taught	Interprofessional learning in practice The module consists of opportunities to observe therapeutic practice across the spectrum of Physiotherapy settings at the same time providing opportunities for raising questions.
How this particular module/unit will be assessed	**Assessment 1** Case study 20 minute presentation

Module name : **Research Methods 1 Statistics and Academic Writing**
Module number (IPP) : 1.62

Learning Outcomes

Competences	Demonstrate effective critical thinking skills in contexts relevant to professional practice
Knowledge	Analyse data using common statistical software and interpret results to solve science related problems.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Relate probability and sampling concepts to statistical analysis of data **Judgment Skills and Critical Abilities** a) evaluate data from simple research trials b) Demonstrate effective critical thinking skills in contexts relevant to professional practice **Module-Specific Communication Skills** a) Use of digital search engine b) Further develop academic writing skills appropriate for coursework and written assessments **Module-Specific Learner Skills** a) Design and apply statistics in the physiotherapy sector b) Apply appropriately evidenced based knowledge to a range of hypothetical clinical situations c) Define evidence based practice **Module-Specific Digital Skills and Competences** a) Understand data in tables, flows and graphs b) Develop IT skills to assist in completing all assessment component c) Search for appropriate and relevant information sources d) Improve presentation skills using audio and visual content
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Using case studies and articles students work through examples of good and bad literature, how to maximise literature searching, what makes good and bad research.
How this particular module/unit will be assessed	**Assessment 1** Theoretical examination Exam duration: 20 mi . Pass mark 50%

Module name : **Pathology**
Module number (IPP) : 2.11

Learning Outcomes

Competences	Develop an understanding of the pathology and pathophysiology associated with disorders of the immune, endocrine, circulatory, respiratory, gastrointestinal, musculoskeletal, renal and nervous systems.
Knowledge	Demonstrate an understanding of the concept of human disease
Skills	The learner will be able to: **Applying knowledge and understanding** a) Describe and explain the pathophysiological mechanisms and processes underlying human diseases. **Judgment Skills and Critical Abilities** a) Manage self-learning and independent working b) Further develop safe practice and professionalism c) Successfully apply planning and organisation. **Module-Specific Communication Skills** a) Apply appropriate scientific and medical terminology b) Express ideas clearly and unambiguously in writing and the spoken work **Module-Specific Learner Skills** a) identify and explain the main clinical signs of the inflammatory diseases b) Recognise the presentation and understand the significance of abnormal or dysfunctional states. **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for clinical audit, data gathering and presentations. b) Search for appropriate and relevant information sources c) Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	Teaching and learning is delivered using 3-hour lecture based seminars supported by online presentations and handouts
How this particular module/unit will be assessed	**Summative assessment** One 1 hour written paper (100%). The written examination will be an unseen paper that consists of short answers and two long answer questions that focus on General pathophysiology Pass mark 50%

Module name : **Microbiology**
Module number (IPP) : 2.12

Learning Outcomes

Competences	Distinguish and classify the main characteristics pathogenic microorganisms (bacteria, viruses, fungi etc..)
Knowledge	Understand the pathogenesis of major infectious diseases
Skills	The learner will be able to: **Applying knowledge and understanding** a) Develop skills to identify the pathogens that cause disease **Judgment Skills and Critical Abilities** a) Manage self-learning and independent working b) Further develop safe practice and professionalism c) Successfully apply planning and organisation skills **Module-Specific Communication Skills** a) Apply appropriate scientific and medical terminology **Module-Specific Learner Skills** a) apply pharmacological knowledge of antibiotics, antivirals and chemotherapy **Module-Specific Digital Skills and Competences** a)Use IT technology as appropriate including for clinical audit, data gathering and presentations. b) Search for appropriate and relevant information sources c) Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The classes will use case studies from the teaching clinic to aid discussion and to contextualise the medical theory.
How this particular module/unit will be assessed	**Summative assessment** Exam duration: 60 minutes Weighting: 100% The learning assessment will consist of a written test that will be divided into two sections: - Section 1: multiple choice questions (choice from 3 possible answers or choice between true/false) on topics covered by the teacher during the course. - Section 2: an open question in which the student will have to describe a specific subject of the subject, deepening the knowledge of the subject both in theoretical terms and in terms of interconnection with knowledge acquired throughout the course of microbiology. Pass mark 50%

Module name : **Pharmacology for Physiotherapist**
Module number (IPP) : 2.13

Learning Outcomes

Competences	Understand the methods of administration, distribution, metabolism and excretion of drugs
Knowledge	Describe the main targets for drug action and the basic mechanisms of drug-receptor interactions
Skills	The learner will be able to: **Applying knowledge and understanding** a) Describe the different classes of drugs used to treat various diseases and identify any associated problems with the use of these drugs. **Judgment Skills and Critical Abilities** a) demonstrate and apply knowledge of Pharmacology to develop analytical skills, scientific reasoning and integrated physiotherapeutic and pharmacological capabilities. **Module-Specific Communication Skills** a) Express ideas clearly and unambiguously in writing and the spoken work b)Apply appropriate scientific and medical terminology, both verbally and in written work c) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research **Module-Specific Learner Skills** a) Understanding and Knowledge of Pharmacology b) Basic knowledge of Pharmacology to develop analytical skills, scientific reasoning and integrated physiotherapeutic and pharmacological capabilities. **Module-Specific Digital Skills and Competences** a) Apply the main technical-scientific methods for pharmacology studies, for the resolution of therapeutic and physiotherapeutic problems
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	Teaching and learning is delivered using lecture based seminars supported by online presentations and handouts.
How this particular module/unit will be assessed	**Summative** **Assessment 1** 1 hours written paper (60%). The written examination will be an unseen paper that consists of short answers and two long answer questions that focus on Applied and general pharmacology in relation to physiotherapy Pass mark 50%

Module name : **Paediatric Neuropsychiatry**
Module number (IPP) : 2.21

Learning Outcomes

Competences	Recognize and explain the key dysfunctional elements of the nervous system responsible for the most common paediatric neuropsychiatric diseases
Knowledge	Describe the cognitive developmental and sensory-motor skills of the child and their alterations in paediatric neuropsychiatric diseases
Skills	The learner will be able to: **Applying knowledge and understanding** a) Identify and interpret the implications of the signs and symptoms associated with childhood neuropsychiatric diseases **Judgment Skills and Critical Abilities** a)Manage self-learning and independent working b) Further develop safe practice and professionalism c) Successfully apply planning and organisation skills d) Demonstrate teamwork and initiative **Module-Specific Communication Skills** a) Apply appropriate scientific and medical terminology, both verbally and in written work b) Develop viva and presentation delivery skills **Module-Specific Learner Skills** a) define types of infantile paralysis and their meaning **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for clinical audit, data gathering and presentations. b) Search for appropriate and relevant information sources c) Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	Teaching and learning is delivered using lecture based seminars supported by online presentations and handouts.
How this particular module/unit will be assessed	**Assessment 1** Written examination (General knowledge of childhood neuropsychiatry) Exam duration: 45 min . Weighting: 80% **Assessment 2** Practical examination (Specific childhood neuropsychiatric knowledge) Examination duration: 15 minutes Relative weight: 20% Pass mark 50%

Module name : **Paediatric Physiotherapy & Neuro-Rehabilitation**
Module number (IPP) : 2.22

Learning Outcomes

Competences	Identify the signs and symptoms associated with general and specific motor developmental delay; plus, the main conditions that may affect child development
Knowledge	Understand the fundamentals of physiotherapeutic neuro-rehabilitative techniques applied in the management of orthopaedic / neurological issues in paediatric patients
Skills	The learner will be able to: **Applying knowledge and understanding** a) Design physiotherapeutic programmes for the most common motor and sensorimotor developmental childhood conditions and apply specific neuro-rehabilitation techniques **Judgment Skills and Critical Abilities** a)Manage self-learning and independent working b)Develop safe practice and professionalism c)Successfully apply planning and organisation skills d)Demonstrate teamwork and initiative e)Evaluate own strengths and areas for development **Module-Specific Communication Skills** a)Develop viva and presentation delivery skills b)Express ideas clearly and unambiguously in writing and the spoken work c)Apply appropriate scientific and medical terminology, both verbally and in written work d)Present, challenge and defend ideas and results effectively, orally and in writing **Module-Specific Learner Skills** a)Select and integrate information from a variety of sources. b)Recognise the presentation and understand the significance of abnormal or dysfunctional states. **Module-Specific Digital Skills and Competences** a)Search for appropriate and relevant information sources b)Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	The teaching will consist of lectures supported by power point presentations and interactive discussions in order to encourage students to develop communication and use terminologies appropriately
How this particular module/unit will be assessed	**Assessment 1** Theoretical oral examination Exam duration: 15 min . Weighting: 40% **Assessment 2** Interactive Practical Exam Examination duration: 15 minutes Relative weight: 60% Pass mark 50%

Module name : **Paediatrics**
Module number (IPP) : 2.23

Learning Outcomes

Competences	Identify the presenting symptoms of the main paediatric diseases
Knowledge	Understand the health care approaches of the pre-term baby and in neonatal intensive care
Skills	The learner will be able to: **Applying knowledge and understanding** a) Formulate a diagnosis and prescribe a justified treatment protocol for paediatric patient **Judgment Skills and Critical Abilities** a) Demonstrate understanding on the importance of clinical screening and recognising when these should be applied b) Describe and conduct standard paediatric examination procedures with the ability to interpret the findings correctly c) Accurately apply differential thinking and clinical resonating skills through the use of clinical case scenarios. d) Further develop safe practice and professionalism **Module-Specific Communication Skills** a)Express ideas clearly and unambiguously in writing and the spoken work b)Apply appropriate scientific and medical terminology, both verbally and in written work c)Present, challenge and defend ideas and results effectively, orally and in writing d)Discuss, evaluate and justify clinical reasoning with some reference to appropriate research **Module-Specific Learner Skills** a) Discus and explain the pre- and post-natal growth and development, the risk factors of pre-term birth and the main related problems b) Recognise the presentation and understand the significance of abnormal or dysfunctional states. c) Demonstrate skilful application and critical understanding of a range of standard systems examination techniques **Module-Specific Digital Skills and Competences** a) Develop IT skills to assist in completing all assessment component b) Search for appropriate and relevant information sources c) Presentation skills using audio and visual content
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The teaching will consist of lectures supported by power point presentations and interactive discussions in order to encourage students to develop communication and use terminologies appropriately
How this particular module/unit will be assessed	**Assessment 1** One 1 hour written paper (70%). The written examination will be an unseen paper that consists of short answers and two long answer questions that focus on paediatric pathology **Assessment 2** Theoretical oral examination Examination duration: 15 minutes Relative weight: 30% Pass mark 50%

Module name : **Physiotherapy In Orthopaedics & Traumatology**
Module number (IPP) : 2.31

Learning Outcomes

Competences	Identify the treatment, preventive and rehabilitative needs of individual patients through appropriate physical assessment and evaluation of clinical data
Knowledge	Understand the appropriate physiotherapy modalities that can be applied in the management of specific MSK conditions.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Design, plan and perform appropriate and individualised physiotherapy interventions (including prevention, therapeutic education and rehabilitation). b) Identify possible contraindications, complications and criteria for clinical reassessment or referral **Judgment Skills and Critical Abilities** a)Manage self-learning and independent working b)Develop safe practice and professionalism c)Successfully apply planning and organisation skills d)Demonstrate team work and initiative e)Evaluate own strengths and areas for development **Module-Specific Communication Skills** a) Select and integrate information from a variety of sources. b) Recognise the presentation and understand the significance of abnormal or dysfunctional states. c) Demonstrate skilful application and critical understanding of a range of standard systems examination techniques **Module-Specific Learner Skills** a)Apply and justify Gait analysis b)Select and integrate information from a variety of sources. c)Recognise the presentation and understand the significance of abnormal or dysfunctional states. d)Demonstrate skilful application and critical understanding of a range of standard systems examination techniques e)Demonstrate good knowledge and critical understanding of rehabilitation principles and their application in clinical practice. **Module-Specific Digital Skills and Competences** a)Search for appropriate and relevant information sources b)Develop IT skills necessary for planning and completing all types of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	The teaching will consist of theoretical and practical lectures supported by power point presentations and interactive discussions in order to encourage students to develop communication and to use appropriate technical terminology.
How this particular module/unit will be assessed	**Assessment 1 Theoretical written exam** The purpose of this assessment is to test students on factual and interpretive knowledge of the main components of the module. Exam duration: 60 min . Weighting: 40% **Assessment 2 Practical OSPE** The exam is aimed at assessing the knowledge and skills gained by the student, a simulated clinical case will be used for the student to demonstrate and justify physiotherapy assessment ,a diagnosis hypothesis and to demonstrate and reason a treatment protocol Exam duration: 30 minutes Weighting: 60% Pass mark 50%

Module name : **Orthopaedics & Traumatology**
Module number (IPP) : 2.32

Learning Outcomes

Competences	Explain the pathological processes involved in common and complex musculoskeletal conditions and discuss how physiotherapy intervention may facilitate healing.
Knowledge	Understanding the physiological, biomechanical, social and psychological aspects of sports injuries and their management
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply appropriate clinical reasoning for the formulation and management of a justified rehabilitative therapeutic strategy in a variety of MSK conditions **Judgment Skills and Critical Abilities** a)Manage self-learning and independent working b)Develop safe practice and professionalism c)Successfully apply planning and organisation skills d)Demonstrate teamwork and initiative e)Evaluate own strengths and areas for development. **Module-Specific Communication Skills** a)Express ideas clearly and unambiguously in writing and the spoken work b)Apply appropriate scientific and medical terminology, both verbally and in written work c)Present, challenge and defend ideas and results effectively, orally and in writing d)Discuss, evaluate and justify clinical reasoning with some reference to appropriate research e)Work well with others and be able to discuss and debate in order to reach agreement **Module-Specific Learner Skills** a)Evaluate theoretical and practical issues for decision making in clinical practice b)Select and integrate information from a variety of sources. c)Recognise the presentation and understand the significance of abnormal or dysfunctional states. d)Demonstrate skilful application and critical understanding of a range of standard systems examination techniques **Module-Specific Digital Skills and Competences** a)Use IT technology as appropriate i b)Develop IT skills necessary for planning and completing all modes of assessment.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Teaching and learning is delivered using 3-hour lecture based seminars supported by online presentations and handouts.
How this particular module/unit will be assessed	**Assessment 1** Written examination Exam duration: 1 hour . Weighting: 50% **Assessment 2 Practical OSPE** The exam is aimed at assessing the knowledge and skills gained by the student, a simulated clinical case will be used for the student to demonstrate and justify physiotherapy assessment a diagnosis hypothesis and to demonstrate and reason a treatment protocol Examination duration: 15 minutes Relative weight: 50% Pass mark 50%

Module name : **Musculoskeletal Physiotherapy 3**
Module number (IPP) : 2.33

Learning Outcomes

Competences	Identify the preventive and rehabilitative needs of the subject through the evaluation of clinical data and individual characteristics.
Knowledge	Understand and justify the role of the physiotherapist in the design, plan treatment of a team based rehabilitation programme
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply the principles of clinical reasoning to all stages of the physiotherapy process. **Judgment Skills and Critical Abilities** a)Development of a safe physical practice. b)"Problem solving." c)Ability to update and expand one's knowledge by independently drawing on texts, scientific articles and bibliography material that allow the development of the required qualities and use the knowledge acquired for deepening aspects of specific fields to which the student will devote himself in the field of professional activity. **Module-Specific Communication Skills** a) Express ideas clearly and unambiguously in writing and the spoken work b) Apply appropriate scientific and medical terminology, both verbally and in written work c) Present, challenge and defend ideas and results effectively, orally and in writing d) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research **Module-Specific Learner Skills** a) Identify the rehabilitation needs through the observation/evaluation of clinical data and individual characteristics b) Evaluate the ability to choose correct evaluation tools based on clinical observation **Module-Specific Digital Skills and Competences** a) Develop IT skills to assist in completing all assessment component b) Search for appropriate and relevant information sources c) Presentation skills using audio and visual content
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	The teaching will consist of lectures supported by power point presentations and interactive discussions in order to encourage students to develop communication and use terminologies appropriately.
How this particular module/unit will be assessed	**Assessment 1** This assessment will be performed through a long answer written exam. The student will discuss physiotherapy assessment methods and protocols. The student will show theoretical knowledge of the different topics of the unit. Exam duration: 30 min . Weighting: 30% **Assessment 2** The IPE requires the student to demonstrate key assessment skills and to justify those selected in an interactive discussion with the assessors. There will be one station testing student's ability to extract information and formulate treatment plans. Type of assessment IPE Relative weight: 65% Pass mark 50%

Module name : **Physiotherapy & Rehabilitative Techniques in Older Adults**
Module number (IPP) : 2.41

Learning Outcomes

Competences	Design and implement assessment and management plans that are safe and effective, adapting and modifying application to meet an individual older person's needs.
Knowledge	Incorporate biomedical, pathological, epidemiological and behavioural scientific knowledge to justify the physiotherapy evaluation and management of older people
Skills	The learner will be able to: **Applying knowledge and understanding** a) adapt and modify communication methods to meet individual needs demonstrating application to support person-centred care **Judgment Skills and Critical Abilities** 1. Conduct a basic clinical case history, demonstrating understanding of all key elements 2.Demonstrate understanding on the importance of clinical screening and recognising when these should be applied **Module-Specific Communication Skills** a) Apply appropriate scientific and medical terminology, both verbally and in written work b) Present, challenge and defend ideas and results effectively, orally and in writing c) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research d) Develop strategies for communicating with specific patient demographics **Module-Specific Learner Skills** a)Accurately apply differential thinking and clinical resonating skills through the use of clinical case scenarios. b)Demonstrate skilful application and critical understanding of a range of standard systems examination techniques c)Demonstrate good knowledge and critical understanding of protocols and their application in clinical practice **Module-Specific Digital Skills and Competences** a) Demonstrate IT skills to assist in completing all assessment component b) Search for appropriate and relevant information sources
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	The teaching will consist of theoretical-practical lessons supported by power point presentations and interactive discussions in order to encourage students to develop and use the appropriate use of the technical terminology and critical clinical reasoning.
How this particular module/unit will be assessed	**Assessment 1** Theoretical written examination Exam duration: 60 min . Weighting: 50% **Assessment 2** Practical OSPE Examination duration: 30 minutes Relative weight: 50% Pass mark 50%

Module name : **Rheumatology & Physiotherapy**
Module number (IPP) : 2.42

Learning Outcomes

Competences	Discus and understand the pathophysiology processes of rheumatic diseases
Knowledge	Explain and recognise the clinical signs and symptoms of rheumatic diseases
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate appropriate clinical reasoning in the formulation and management of the rehabilitative therapeutic programme /strategy **Judgment Skills and Critical Abilities** a) Describe and conduct standard examination procedures of all major body systems, whilst demonstrating ability to interpret the findings correctly b)Demonstrate understanding, plus safe and effective application of all equipment used in standard examinations of major body systems c) Successfully apply planning and organisation skills d) Evaluate own strengths and areas for development **Module-Specific Communication Skills** a) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research b) Apply appropriate scientific and medical terminology, both verbally and in written work c) Work well with others and be able to discuss and debate in order to reach agreement etc. **Module-Specific Learner Skills** a) Development of a safe physiotherapy practice in rheumatology focused Physiotherapy b) Demonstrate understanding of rheumatology pathology and associated structural changes, and gait changes **Module-Specific Digital Skills and Competences** a)Use IT technology as appropriate including for clinical audit, data gathering and presentations. b)Search for appropriate and relevant information sources c)Develop IT skills necessary for planning and completing all types of assessment.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	The teaching will consist of theoretical-practical lessons supported by power point presentations and interactive discussions in order to encourage students to develop and use the appropriate use of the technical terminology and critical clinical reasoning.
How this particular module/unit will be assessed	**Assessment 1** Theoretical written examination Exam duration: 60 min . Weighting: 50% **Assessment 2** Practical examination Examination duration: 30 minutes Relative weight: 50% Pass mark 50%

Module name : **Neurology**
Module number (IPP) : 2.51

Learning Outcomes

Competences	Recognize and explain the key signs and symptoms in neurological diseases
Knowledge	Understand how the human nervous system controls cognitive behaviour
Skills	The learner will be able to: **Applying knowledge and understanding** a) To discuss the relevance of central nervous system pathology to the assessment and management of patients with neuromuscular dysfunction. **Judgment Skills and Critical Abilities** a) Develop and enhance safe practice b) Interact effectively within a team or learning group, presenting and receiving ideas and/or information **Module-Specific Communication Skills** A) Express ideas clearly and unambiguously in writing and the spoken word. B) Work well with others and be able to discuss and debate in order to reach agreement **Module-Specific Learner Skills** a) Demonstrate in-depth knowledge and understanding of the role of the ANS; reflexes, neurogenic inflammation, referred pain, stress and distress **Module-Specific Digital Skills and Competences** a)Express ideas clearly and unambiguously in writing and the spoken work b)Apply appropriate scientific and medical terminology, both verbally and in written work c)Present, challenge and defend ideas and results effectively, orally and in writing d)Discuss, evaluate and justify clinical reasoning with some reference to appropriate research
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Teaching and learning is delivered using 3-hour lecture based seminars supported by online presentations and handouts.
How this particular module/unit will be assessed	**Summative Assessment 1** Written examination Exam duration: 1 hour . Weighting: 100% Pass mark 50%

Module name : **Neurological Rehabilitation**
Module number (IPP) : 2.52

Learning Outcomes

Competences	Apply evidenced based knowledge to demonstrate a range of patient specific treatment approaches to neurological conditions.
Knowledge	Evaluate normal movement and recognise abnormalities of movement in neurological patients
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply and evaluate appropriate outcome and assessment measures for neurological patients **Judgment Skills and Critical Abilities** a) Apply clinical knowledge to patient care b) Understanding the importance of multi-professional teamwork c)Design, plan and perform the rehabilitative intervention by identifying the modalities and application times in view of the relevant indications and contraindications **Module-Specific Communication Skills** a) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research **Module-Specific Learner Skills** a) Demonstrate skilful application and critical understanding of a range of standard systems examination techniques **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for clinical audit, data gathering and presentations. b) Develop IT skills necessary for planning and completing all modes of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	The module is composed of theory and mainly practical lessons supported by power point presentations and interactive discussions in order to encourage students to develop and use the appropriate of the technical terminology and critical clinical reasoning.
How this particular module/unit will be assessed	**Assessment 1** Written examination Exam duration: 60 min . Weighting: 40% **Assessment 2** Interactive Practical Examination Examination duration: 30 minutes Relative weight: 60% Pass mark 50%

Module name : **Rehabilitative Techniques In Neuro -Traumatology**
Module number (IPP) : 2.53

Learning Outcomes

Competences	Apply appropriate outcome measures, treatment approaches and models of care in physiotherapy management of spinal cord lesions
Knowledge	Identify aids and orthosis to help the patient achieve autonomy
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate skills related to the subjective and physical objective examination of the patient with musculoskeletal spinal dysfunction **Judgment Skills and Critical Abilities** a) Develop safe practice and professionalism b)Successfully apply planning and organisation skills c)Demonstrate team work and initiative **Module-Specific Communication Skills** a) demonstrate good patient peer communication skills b) Express ideas clearly and unambiguously in writing and the spoken work c) Present, challenge and defend ideas and results effectively, orally and in writing d) Discuss, evaluate and justify clinical reasoning with some reference to appropriate **Module-Specific Learner Skills** a)competently carry out Spinal Cord trauma assessment b) understand advanced diagnostic techniques c) describe and explain neurosurgical techniques **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for clinical audit, data gathering and presentations. b)Develop IT skills necessary for planning and completing all modes of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	The module is composed of some theory but mainly practical lessons supported by power point presentations and interactive discussions in order to encourage students to develop and use the appropriate of the technical terminology and critical clinical reasoning.
How this particular module/unit will be assessed	**Summative Assessment 1 Written exam** This assessment will be carried out through 4 open-ended questions aimed at the demonstrating understanding and knowledge of the specific areas of neurotrauma and neuro surgery . Examination duration: 60 minutes Relative weight:40% **Summative Assessment 2 Interactive Practical Exam** Practical examination Examination duration: 60 minutes Relative weight: 60% Pass mark 50%

Module name : **Physiotherapy & Rehabilitation Techniques In Neurology**
Module number (IPP) : 2.54

Learning Outcomes

Competences	Identify the rehabilitation needs of the person through the observation/evaluation of clinical data and individual characteristics
Knowledge	Plan the entire "neuro-rehabilitation process" based on knowledge, evidence of effectiveness, expertise and resources of the subject
Skills	The learner will be able to: **Applying knowledge and understanding** a) justify and demonstrate a patient based justified neuro-rehabilitative intervention. **Judgment Skills and Critical Abilities** a)Manage self-learning and independent working b)Develop safe practice and professionalism c)Successfully apply planning and organisation skills d)Demonstrate teamwork and initiative e)Evaluate own strengths and areas for development **Module-Specific Communication Skills** a) Discuss, evaluate and justify their clinical reasoning with some reference to appropriate research. b) Express ideas clearly and unambiguously in writing and the spoken work. c) Give, accept and respond to constructive feedback. d) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a Discuss the results of the global patient evaluation exam and the related implications for rehabilitation treatment) b) demonstrate understanding of, anatomy and pathomechanics, plus assessment and treatment protocols. **Module-Specific Digital Skills and Competences** a) Develop IT skills necessary for planning and completing all modes of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The teaching will consist of theoretical-practical lessons supported by power point presentations and interactive discussions in order to encourage students to develop and use the appropriate use of the technical terminology and critical clinical reasoning.
How this particular module/unit will be assessed	**Assessment 1** Interactive Practical Exam Exam duration: 30 min . Weighting: 100% Pass mark 50%

Module name : **Clinical & Professional Practice Placements Year 2**
Module number (IPP) : 2.61

Learning Outcomes

Competences	Competently practice clinically in a healthcare setting with a variety of patients across the lifespan, from an acute to chronic contexts
Knowledge	Demonstrate an understanding of the roles and responsibilities of a physiotherapist and of the members of a multi professional healthcare team
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate skills in clinical reasoning and clinical decision making to correctly interpret and analyse assessment findings in order to plan intervention and management **Judgment Skills and Critical Abilities** a) Select, and safely and effectively perform, an appropriate assessment (including, but not limited to; patient history and physical examination) using relevant assessment tools **Module-Specific Communication Skills** a) Communicate efficiently with peers, patients and healthcare professionals b) Discuss, evaluate and justify clinical reasoning with some reference to appropriate research **Module-Specific Learner Skills** a)Recognise the presentation and understand the significance of abnormal or dysfunctional states. b) Demonstrate skilful application and critical understanding of a range of standard systems examination and assessment techniques . etc. **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for clinical audit, data gathering and presentations. b) Develop IT skills necessary for planning and completing all modes of assessment
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	15
How this module/unit will be taught	The module consists of opportunities to take part in clinical practice across the spectrum of Physiotherapy settings.
How this particular module/unit will be assessed	**Assessment 1** Portfolio (40%) Clinical portfolio: The student will be required to submit a complete portfolio of evidence in accordance with the published contents list. which clearly demonstrates the student's participation in processes of reflection and the application of theory to practice **Assessment 2**– case study 20 minute presentation (30%) This presentation will aim to demonstrate the student's ability to use current and valid literature to justify the approach protocol to a clinical situation in their portfolio. They will need to justify their discussion with at least 4 articles. Students will need to highlight links to professional standards **Assessment 3:** ISCE (30%) 0ne 45-minute Integrated Structured Clinical Examinations (ISCEs) e to assess both clinical competence and professional skills. Pass mark 50%

Module name : **Research Methods 2**
Module number (IPP) : 2.62

Learning Outcomes

Competences	Formulate appropriate critical questions and relate these to clinical practice.
Knowledge	Analyse data using common statistical software and interpret results to solve science related problems.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Evaluate theoretical and practical issues for decision making in clinical practice. **Judgment Skills and Critical Abilities** a) Manage self-learning and independent working b) Successfully apply planning and organisation skills c) Evaluate own strengths and areas for development **Module-Specific Communication Skills** a) The ability to write accurate, well researched, referenced and informative practical reports b) Critical thinking and appraisal skills **Module-Specific Learner Skills** a)understand choose and apply reflective practice models b) Select and integrate information from a variety of sources. **Module-Specific Digital Skills and Competences** a) Data analysis skills b) IT skills excel/ word
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The area of reflection theory and research strategies will be delivered by lecturers studying for PhDs
How this particular module/unit will be assessed	**Summative assessment is through** Assessment 2000-word essay (100%). The assignment will comprise of a critique of two papers reporting results of original research one aspect of the different topics covered in Year 2 . Papers must report results of quantitative research (e.g. clinical trials, surveys, cohort studies) and results of research which has used qualitative methods to collect data (e.g. interviews, observation, focus groups). Pass mark 50%

Module name : **Manual Therapy 2**
Module number (IPP) : 3.11
Learning Outcomes

Competences	Recognise clear indications for treatment of the musculoskeletal system using manual therapy techniques
Knowledge	A deep and extensive knowledge of the current theories, approaches and research evidence, that underpin manual therapy practice.
Skills	The learner will be able to: **Applying knowledge and understanding** a) To competently demonstrate patient centred manual therapy approach as part of an integrated physiotherapy treatment protocol for peripheral and non-peripheral disorders **Judgment Skills and Critical Abilities** a) Show development of safe practice b) Transfer and apply knowledge from theory to a clinical scenario c) Take responsibility for own learning with minimal support **Module-Specific Communication Skills** a) Report practical physiotherapy protocols and techniques in a clear and concise manner utilising different formats b) Give, accept and respond to constructive feedback. c) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a) discuss and apply the theories of the main international schools, indications, contra-indications, modalities of functional evaluation b) Develop and instruct appropriate rehabilitation programmes, with sound application of evidence-based practice. **Module-Specific Digital Skills and Competences** a)Search for and select relevant sources of information and can cite and reference correctly b) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. c) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	These workshops link with IPP 3.51 Research Methods 3 where they are used as the basis for researched based activities, when students are expected to critically analyse different forms rehabilitation regimes and routines. This module has 39 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1 - written paper** Problem or case based scenarios:Case-based exams involve 2 hypothetical case studies that require the identification of problem/s and solutions. Exam duration: 60 minutes Weighting: 30% **Assessment 2** Clinical reasoning and practical demonstration of competences Examination duration:30 minutes Relative weight: 70% Pass mark: In this module, students will need to pass assessment 1 with minimum mark of 50%. Before progressing to assessment 2. Both assessments must be passed for progression

Module name : **Methodology of Therapeutic Exercise**
Module number (IPP) : 3.12
Learning Outcomes

Competences	Analyse and apply competently different types of suitable exercise tests and exercise training programs for a range of patients
Knowledge	Identify understand and justify the component parts of exercises programs
Skills	The learner will be able to: **Applying knowledge and understanding** a) To modify aims and exercises appropriately to reflect the individual patient centred care **Judgment Skills and Critical Abilities** a) Show development of safe practice b) Transfer and apply knowledge from theory to a clinical scenario c) Take responsibility for own learning with minimal support d) Identify and critically appraise major areas of problems and choose appropriate methods for their resolution e) Demonstrate skilful application and critical understanding of a range of physiotherapy protocols and techniques **Module-Specific Communication Skills** a) Explain protocols and techniques in a clear and concise manner utilising different formats b) Express ideas clearly and unambiguously in writing and the spoken work. c) Work well with others and be able to discuss and debate in order to reach agreement. d) Give, accept and respond to constructive feedback. e) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a) Justify the use of the instruments and aids in therapeutic exercises b) Measure the effectiveness of exercise **Module-Specific Digital Skills and Competences** a) Search for and select relevant sources of information and can cite and reference correctly b) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. c) Use IT technology as appropriate including for clinical audit, data gathering and presentations
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	4
How this module/unit will be taught	Practical sessions will take place in designated practice classrooms with access to physiotherapy electric plinths and electrical equipment. This module has 39 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1 - Project** A Project to demonstrate the relationship between exercise rehabilitation and treatment protocols will be evaluated mid-way through the semester Exam duration: 15 minutes - Presentation Weighting: 40% **Assessment 2 - OSPE** The OSPE will last 30 minutes aimed to evaluate the practical competence about the therapeutic exercises. Examination duration: 45 minutes Relative weight: 60% **OSPE comprises two stations, which will test the student's practical and theoretical competency in a simulated situation in which the student will be required to:** **Station 1** - specific techniques **Station 2 -** To formulate a treatment plan for a given patient case scenario incorporating the new concepts of this taught module. Pass mark: to pass assessment 1 with minimum mark of 50%. Before progressing to assessment 2. Both assessments must be passed for progression

Module name : **Cardiorespiratory Physiotherapy**
Module number (IPP) : 3.21
Learning Outcomes

Competences	To explain the theory underlying the therapeutic techniques used in the physiotherapy management of patients with cardiorespiratory problems. To justify and critique the choice specific rehabilitation assessment and techniques
Knowledge	To understand the pathological changes and clinical features resulting from medical and surgical cardiorespiratory condition
Skills	The learner will be able to: **Applying knowledge and understanding** a) Appropriately select, modify as necessary, and correctly demonstrate basic measurement and testing procedures commonly used in assessing cardiopulmonary dysfunction b) Discuss relevant lifespan, gender, cultural, legal and ethical considerations in performing basic cardiopulmonary physiotherapy evaluation and management procedures **Judgment Skills and Critical Abilities** a) Demonstrate an awareness of the physiotherapist's role in promoting wellness as relevant to the pulmonary, cardiac and vascular systems b). Identifies problems in a range of settings and chooses appropriate methods for their resolution **Module-Specific Communication Skills** a) Skills in oral presentation and teamwork. b) Interacts effectively within a team or learning group, presenting and receiving ideas and/or information **Module-Specific Learner Skills** a) Conduct an appropriate basic examination of the cardiopulmonary system, including history and physical examination b) appropriately select, modify as necessary, and correctly demonstrate basic measurement and testing procedures commonly used in assessing cardiopulmonary dysfunction; **Module-Specific Digital Skills and Competences** a) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	10
How this module/unit will be taught	This module has 48 hours of supervised clinical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical educator. The learning of practical skills is arranged in small groups with students acting alternately as practitioner and model
How this particular module/unit will be assessed	**Assessment 1 - General and specific knowledge** Written exam (General Theoretical Knowledge) will demonstrate the student's ability to describe the theoretical/clinical concepts of the cardiopulmonary rehabilitation and the relative ability to be able to navigate within the various topics of the curriculum. Exam duration: 60 minutes Weighting: 40% **Assessment 2 - Integrated Structured Clinical Examinations (ISCEs)** This assessment will be performed through two ISCE, aimed to evaluate the knowledge about the cardiovascular and respiratory diseases and rehabilitation. Examination duration: 45 minutes Relative weight: 60% Pass mark: 50% both modules must be passed for progression.

Module name : **Emergency and Critical Care Applied Physiotherapy**
Module number (IPP) : 3.31
Learning Outcomes

Competences	Demonstrate evidence based patient centred ERAS plan
Knowledge	Justify and explain the concepts of assessment and treatment rehabilitation protocols in post- operative and intraoperative patients
Skills	The learner will be able to: **Applying knowledge and understanding** a) Proficiently administer first aid in a variety of clinical and emergency situations **Judgment Skills and Critical Abilities** a) Identify signs and symptoms of a patient in critical conditions b) Development of a competent and autonomous physiotherapy practice c) Interact effectively within a team or learning group, presenting and receiving ideas and/or information d) Develop professional relationships within the primary health care sector **Module-Specific Communication Skills** a)Communicate effectively in a format to that of a student practitioner b) Express ideas clearly and unambiguously in writing and the spoken word **Module-Specific Learner Skills** a) Appropriately apply first aid training b) Explain and justify the procedures of the monitoring of vital functions c) Identify Red Flags within a clinical situation **Module-Specific Digital Skills and Competences** a) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. b) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	The teaching will consist of theoretical and practical lectures supported by power point presentations and interactive discussions
How this particular module/unit will be assessed	**Assessment 1** General and specific knowledge Exam duration:30 minutes Weighting: 40% **Assessment 2** First Aid practical demonstration of competences Examination duration:30 minutes Relative weight: 60% Pass mark 50%

Module name : **Functional Bandaging**
Module number (IPP) : 3.32
Learning Outcomes

Competences	Differentiate between bandaging techniques when used in a multidisciplinary patient centred treatment approach
Knowledge	Justify using EBM the reasoning behind the application of functional bandaging
Skills	The learner will be able to: **Applying knowledge and understanding** a) Apply functional bandaging techniques in traumatic lesions, sport-related and oncologic diseases and for lymphedema treatment **Judgment Skills and Critical Abilities** a) Demonstrate a detailed knowledge and critical understanding of anatomy and physiology of the human body. b) Reflect on and critically evaluate their skills and patient management strategies. **Module-Specific Communication Skills** a)Apply: spiral twist, helicoidal, eight-figure, palisade figure, braided figure, butterfly shape, or x-shape b) Give, accept and respond to constructive feedback. c) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a)Demonstrate manual and dextrous skill in applying bandaging to different pathologies and patient types **Module-Specific Digital Skills and Competences** a) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. b) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	The teaching will consist of theoretical and practical lectures supported by power point presentations and interactive discussions
How this particular module/unit will be assessed	**Assessment 1** Integrated Structured Clinical Examinations (ISCEs) Exam duration:45 minutes Weighting: 100% **3 stations will be set up to allow 3 different clinical scenarios to be demonstrated.** Pass mark 50%

Module name : **Orthotics, Prosthetics & Assistive Devices**
Module number (IPP) : 3.33
Learning Outcomes

Competences	Relate the different devices to the individual needs of the patients and their rehabilitative pathway
Knowledge	Recognize and describe the main features of orthoses, prostheses and assistive devices
Skills	The learner will be able to: **Applying knowledge and understanding** a) Describe the principles of biomechanics of the different devices **Judgment Skills and Critical Abilities** a) Discuss adaptation and modification of physical activity for a range of individuals using assistive devices b) Demonstrate skilful application and critical understanding of a range of assistive devices **Module-Specific Communication Skills** a) Discuss adaptation and modification of communication methods to meet individual needs and demonstrate application to support person-centred practice. **Module-Specific Learner Skills** a) Report practical application of devices in a clear and concise manner utilising different formats **Module-Specific Digital Skills and Competences** a) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. b) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Practical sessions will take place in designated practice classrooms with access to physiotherapy electric plinths and electrical equipment.This module has 18 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1** Specific knowledge Exam duration: 90 minutes Weighting: 100% **4 closed book long answer questions** Pass mark 50%

Module name : **Physiotherapy & Rehabilitation In Critical Health Care**
Module number (IPP) : 3.34
Learning Outcomes

Competences	Identify and understand the pathophysiological changes in critical care patients
Knowledge	Justify patient centred assessment and treatment approach for critical care
Skills	The learner will be able to: **Applying knowledge and understanding** a) Plan and apply the appropriate physiotherapeutic intervention in patients within critical care field. **Judgment Skills and Critical Abilities** a) Plan, undertake and evaluate patient–centred assessment, diagnosis and treatment for a variety of clinical conditions **Module-Specific Communication Skills** a)Discuss, evaluate and justify their clinical reasoning with some reference to appropriate research. b) Express ideas clearly and unambiguously in writing and the spoken work. c) Give, accept and respond to constructive feedback. d) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a) Understand the functions of multidisciplinary teams and carers in the management of people across the life stages b)Understand the physiotherapist's role in the multidisciplinary team **Module-Specific Digital Skills and Competences** a) Search for and select relevant sources of information and can cite and reference correctly b) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. c) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Practical sessions will take place in designated practice classrooms with access to physiotherapy electric plinths and electrical equipment.This module has 18 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1 : VIVA** The student will describe the features and the effects of the different therapeutic Interventions on a variety of critical care presentations including Burns and amputations. Exam duration: 20 minutes Weighting: 30% **Assessment 2** Clinical reasoning and practical demonstration of competences Examination duration:45 minutes Relative weight: 70% **In this module, students will need to pass assessment 1 with minimum mark of 50%. Before progressing to assessment 2** Pass mark 50%

Module name : **Specialist Physiotherapy of Peripheral Nervous System**
Module number (IPP) : 3.35
Learning Outcomes

Competences	Identify and evaluate the pathophysiological changes in PNS dysfunction and disease
Knowledge	Justify patient centred assessment and treatment approach rehabilitation of peripheral nervous system
Skills	The learner will be able to: **Applying knowledge and understanding** a) Plan and apply the appropriate physiotherapeutic intervention in patients with PNS dysfunction and disease **Judgment Skills and Critical Abilities** a)Demonstrate a detailed knowledge and critical understanding of anatomy and physiology of the human body. b) Reflect on and critically evaluate their skills and patient management strategies. c) Organise self effectively, agreeing and setting realistic targets, accessing support where appropriate and managing time to achieve targets **Module-Specific Communication Skills** a) Discuss, evaluate and justify their clinical reasoning with some reference to appropriate research. b) Express ideas clearly and unambiguously in writing and the spoken work. c) Give, accept and respond to constructive feedback. d) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a)Recognize the contraindications of the manipulations and mobilizations b) Demonstrate understanding and application of the concepts of physiotherapy and rehabilitation in relation to PNS disorder relating to patient assessment, management and preventative care. **Module-Specific Digital Skills and Competences** a) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. b) Use IT technology as appropriate including for clinical audit, data gathering and presentations
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Practical sessions will take place in designated practice classrooms with access to physiotherapy electric plinths and electrical equipment.This module has 18 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1 - VIVA** The student will describe the features and the effects of the different therapeutic exercises. Exam duration: 20 minutes Weighting: 30% **Assessment 2** Clinical reasoning and practical demonstration of competences Examination duration:45 minutes Relative weight: 70% **In this module, students will need to pass assessment 1 with minimum mark of 50%. Before progressing to assessment 2** Pass mark 50%

Module name : **Physiotherapy & Rehabilitation In Urology & Gynaecology**
Module number (IPP) : 3.36
Learning Outcomes

Competences	Identify and understand the pathophysiological changes in uro-gynaecologic problems and pregnancy
Knowledge	Justify a patient centred assessment and treatment approach for neurophysiological tests and rehabilitation in urological dysfunction and disease
Skills	The learner will be able to: **Applying knowledge and understanding** a) Plan and apply the appropriate evidenced based physiotherapeutic intervention in patients with in uro-gynaecologic problems. **Judgment Skills and Critical Abilities** a) Apply clinical reasoning skills to compare and contrast different approaches to patient management across a range of physiotherapy specialisms. b) Demonstrate a detailed knowledge and critical understanding of anatomy and physiology of the human body. **Module-Specific Communication Skills** a) Discuss, evaluate and justify their clinical reasoning with some reference to appropriate research. b) Express ideas clearly and unambiguously in writing and the spoken work. c) Give, accept and respond to constructive feedback. d) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a) Critically evaluate the physical, psychological and social implications of living with health conditions and their impact upon approaches to treatment **Module-Specific Digital Skills and Competences** a) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. b) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	Practical sessions will take place in designated practice classrooms with access to physiotherapy electric plinths and electrical equipment.This module has 15 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1** Clinical reasoning and practical demonstration of competences Exam duration: 30 minutes Weighting: 100% Pass mark 50%

Module name : **Physiotherapy & Rehabilitation in Psychiatry Disorders**
Module number (IPP) : 3.37
Learning Outcomes

Competences	Discuss and describe the clinical features and the dysfunctions of psychiatric disorders as classified in Diagnostic and Statistical Manual of Mental Disorders (DSM–5)
Knowledge	Justify patient centred assessment and treatment approach for of psychiatric disorders as part of a multidisciplinary health care team
Skills	The learner will be able to: **Applying knowledge and understanding** a) Plan and apply the appropriate evidenced based physiotherapeutic intervention in patients with in uro-gynaecologic problems. **Judgment Skills and Critical Abilities** a) Apply clinical reasoning skills to compare and contrast different approaches to patient management across a range of physiotherapy specialisms. b) Demonstrate a detailed knowledge and critical understanding of anatomy and physiology of the human body. **Module-Specific Communication Skills** a) Discuss, evaluate and justify their clinical reasoning with some reference to appropriate research. b) Express ideas clearly and unambiguously in writing and the spoken work. c) Give, accept and respond to constructive feedback. d) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a) Create a therapeutic relationship to provide assessment and services specifically related to the complexity of mental health within a supportive environment b) To optimize well-being and empower the individual by promoting functional movement, movement awareness, physical activity and exercises, bringing together physical and mental aspects **Module-Specific Digital Skills and Competences** a) Search for and select relevant sources of information and can cite and reference correctly b) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. c) Use IT technology as appropriate including for clinical audit, data gathering and presentations.
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	2
How this module/unit will be taught	Practical sessions will take place in designated practice classrooms with access to physiotherapy electric plinths and electrical equipment. The students will learn strategies for communication methods with patients with psychiatric disorders. This module has 15 hours of supervised practical placement. Students will keep a detailed clinical log, which will be discussed with a designated clinical tutor.
How this particular module/unit will be assessed	**Assessment 1** Specific psychiatric knowledge Exam duration: 1.5 hours Weighting: 100% **Students will have to choose 2 from 4 clinical case presentations and justify their assessment and treatment approach based on clinical presentation.** Pass mark 50%

Module name : **Clinical Radiology In Physiotherapy**
Module number (IPP) : 3.41
Learning Outcomes

Competences	Appropriate skills in the interpretation of pathology, with awareness of the limitations in traditional radiology
Knowledge	Describe the physics of radiation, and its physiological effect
Skills	The learner will be able to: **Applying knowledge and understanding** a) Justify when to request and the type of imaging based on clinical presentation. **Judgment Skills and Critical Abilities** a) Evaluate own strengths and weaknesses, challenge received opinions and develop own criteria and judgement b) Take responsibility for own learning with minimal support c) Identify major areas of problems and choose appropriate methods for their resolution **Module-Specific Communication Skills** a) Communicate effectively in a format to that of a student practitioner b) Express ideas clearly and unambiguously in writing and the spoken word. c) Work well with others and be able to discuss and debate in order to reach agreement. d) Give, accept and respond to constructive feedback. e) Communicate effectively with other health-care professionals. **Module-Specific Learner Skills** a) advanced knowledge of imaging techniques b) skills in understanding the interpretation and clinical implications of radiological findings **Module-Specific Digital Skills and Competences** a) Search for and select relevant sources of information and can cite and reference correctly b) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. c) Use IT technology as appropriate including for clinical audit, data gathering and presentation
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	The teaching will consist of theoretical lectures and Practical sessions will take place in designated practice classrooms with access to radiological reading equipment- mainly via computer reading software. Students will allocate 6 hours of clinical time to apply the learning to clinical practice.
How this particular module/unit will be assessed	**Assessment 1** Written test Exam duration: 60 minutes Weighting: 100% Pass mark 50%

Module name : **Research Methods 3**
Module number (IPP) : 3.51
Learning Outcomes

Competences	Demonstrate in depth critical evaluation of the literature for all aspects of the research question in support of the argument being put forward and identifying the gap in the literature
Knowledge	Appraise a variety of approaches to qualitative and quantitative research methods in order to select and design own research and implement data collection and analysis procedures
Skills	The learner will be able to: **Applying knowledge and understanding** a) Effectively communicate research processes demonstrating understanding of underlying concepts such as reliability, validity, critical analysis, synthesis and evaluation **Judgment Skills and Critical Abilities** a) Discuss the use of research to support assessment and treatment decisions for a specified range of conditions and understand the role of evidence-based practice in prudent health care. b) Manages own learning with appropriate levels of guidance and critically evaluate/reflect on own work c) Reflects and critically evaluates technical skills and patient management strategies. d) Demonstrate comprehensive understanding of the research process and application of these skills. Including Setting research questions and hypotheses **Module-Specific Communication Skills** a) Reports on the application of physiotherapy clearly and concisely in appropriate formats b) Expresses ideas clearly and unambiguously in writing and the spoken work. c) Work well with others and be able to discuss and debate in order to reach agreement. d) Give, accept and respond to constructive feedback in clinical environment e) Communicate effectively with other health-care professionals **Module-Specific Learner Skills** a) Discuss the use of appropriate outcomes measures and their application to clinical practice and research, including audit and service improvement. b) Show development and progression of practitioner skills in addressing moral and ethical issues c) Demonstrate understanding and consideration of ethical, moral and legal aspects of clinical decision making. **Module-Specific Digital Skills and Competences** a) Choose appropriate research methodologies, data collection, data handling, transcription and analysis, statistics and research governance and ethics. Plus, Managing and utilising research data in clinical practice
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	3
How this module/unit will be taught	Lectures will be used to introduce material, to provide guidance for further independent study and to summarise and set in context topics studied through guided pre-reading and knowledge acquired through professional activity.
How this particular module/unit will be assessed	**Assessment 1** 3000 word case report Exam duration: 3 hours Weighting: 100% Pass mark 50%

Module name : **Clinical and Professional Practice Placement 3**
Module number (IPP) : 3.61
Learning Outcomes

Competences	Articulate a comprehensive understanding of clinical conditions relevant to physiotherapy practice, and undertake thorough assessment using clinical reasoning skills to formulate and deliver evidence-based treatment.
Knowledge	Work effectively as part of a team using high level communication skills appropriate to professional and patient audiences.
Skills	The learner will be able to: **Applying knowledge and understanding** a) Demonstrate an ability to manage a clinical caseload and be able to justify the prioritisation of patient need and treatment timescale. **Judgment Skills and Critical Abilities** a) Demonstrate understanding of the importance of patient informed consent and issue relating to this b) Reflects and critically evaluates skills and patient management strategies. c) Demonstrates maintenance of a reflective record of academic and clinical learning to a standard consistent with future continuing professional development requirements. d) Demonstrates knowledge and understanding of Professional standards and has mapped them to their learning experiences and identified areas for further development e) Shows sensitivity and respect for diverse values and beliefs **Module-Specific Communication Skills** a) Work effectively as part of a team using high level communication skills appropriate to professional and patient audiences b) Make appropriate patient referrals - Informed decision making, the referral process, and writing letters. **Module-Specific Learner Skills** a) Present self professionally and adhere to professional guidelines working with individuals, carers and colleagues with respect and dignity while maintaining safety. b) Apply processes of reasoning and decision making that have been introduced throughout the programme to inform effective assessment, identification of individuals' needs, analysis, synthesis, treatment planning and evaluation; that is inclusive of individuals' preferences, with a range of individuals with different conditions **Module-Specific Digital Skills and Competences** a) Search for and select relevant sources of information and can cite and reference correctly b) Determine the scope of a task, identify resources needed and schedule and successfully implement an appropriate plan. c) Use IT technology as appropriate including for clinical audit, data gathering and presentations
Mode of Delivery	95% Face-to-Face Learning and 5% Online Learning
Total Number of ECTS of this module/unit	18
How this module/unit will be taught	The module consists of opportunities to take part in practice across the spectrum of Physiotherapy settings. Students will be introduced to appropriate clinic administrative processes and patient record keeping
How this particular module/unit will be assessed	**Assessment 1 - Portfolio** The student will describe the features and the effects of the different therapeutic exercises. Exam duration: 3 hours Weighting: 40% **Assessment 2 - ISCE** Integrated Structured Clinical Examinations Examination duration:60 minutes Relative weight: 40% **Assessment 3 - Case Study** Presentations will be delivered in a group setting whilst on placement and will be assessed by one tutor and peer reviewers. Examination duration: 20 minutes Relative weight: 20% Pass mark: The Module can only be successfully completed with a pass in the portfolio and the ISCE.