ADDITIONAL INFORMATION FOR ADMISSION
MASTER OF PHYSIOTHERAPY (GRADUATE ENTRY)
PROGRAM CODE: IMPE

Please Note: This form must be completed in addition to your online application and submitted within 10 working days of applying to SATAC.

Completed forms for Australian Citizen or Permanent Resident applicants can either upload the form to their SATAC application or send it to:

Academic Officer: Credit & Admissions
Division of Health Sciences
University of South Australia
City East Campus
GPO Box 2471
Adelaide SA 5001
Telephone: +61 8 8302 1820

Completed forms for International applicants can either be uploaded to their application or sent by mail to:

UniSA International
University of South Australia
GPO Box 2471
Adelaide SA 5001
AUSTRALIA

OR by email:
international@unisa.edu.au

Applicant details

<table>
<thead>
<tr>
<th>Family name</th>
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<tbody>
<tr>
<td>Given names</td>
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Date of birth: dd/mm/yyyy
Telephone number

SATAC Application Number: XXXXXXXXX
PLEASE NOTE: All courses/subjects have to have been completed within the past ten years.

The following documentary evidence MUST be provided by the applicant. The documents required include:

- Detailed curriculum for prerequisite courses/subjects, which must provide sufficient information to determine whether the required content/hours have been successfully completed, except for applicants who were enrolled at the University of South Australia.
- Where core courses/subjects are currently being completed, documentary evidence must be provided of current enrolment.

For students who have completed the courses/subjects to meet the pre-requisites, please fill in details below.

<table>
<thead>
<tr>
<th>Core pre-requisite courses</th>
<th>Please state which course(s)/subject(s) you are claiming to meet this criteria (include name and code)</th>
<th>Degree Title</th>
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<tbody>
<tr>
<td>A 4.5 unit course/subject of evidence based practice or statistics and research methods.</td>
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<tr>
<td>A 4.5 unit course/subject of communication or group work or human behavioural science.</td>
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<tr>
<td>Two 4.5 unit courses/subjects of human anatomy completed with at least a credit level in each course. The course(s)/subject(s) must explicitly include detailed musculoskeletal anatomy and neuroanatomy and systems anatomy.</td>
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<tr>
<td>Two 4.5 unit courses/subjects of human physiology with at least a credit level in each course. The course(s)/subject(s) must explicitly include 30 hours of human musculoskeletal physiology.</td>
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For students who are currently studying courses/subjects to meet the pre-requisites. Please note that all courses/subjects need to be completed by the time of ranking of offers in the 2nd week in January.

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Course name</th>
<th>Course Code</th>
<th>Institution</th>
<th>Completion date</th>
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</thead>
<tbody>
<tr>
<td>Research Methodologies</td>
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<td>Communication/Group Work</td>
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<tr>
<td>Human Anatomy</td>
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<tr>
<td>Human Physiology</td>
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Declaration

I declare that the information given in this application is true and complete in every particular. I authorise the University to obtain from the institutions concerned whatever details of my academic record it considers necessary.

Applicant Signature

Date
Master of Physiotherapy (Graduate Entry) IMPE – Prerequisite requirements

This document outlines the University of South Australia courses which meet entry requirements for the Master of Physiotherapy (Graduate Entry). Use this information to match with a comparative course(s)/subjects at your university. If you feel the courses/subjects are the same or similar, they may be accepted as prerequisites. When you submit your application please provide enough information about your courses/subjects to allow an assessment of comparability to be made and ensure you address all required content. See below link for Entry requirements from the IMPE website:


Prerequisite 1: Evidence Based Practice

A course equivalent to 4.5 units (4.5 units is equivalent to a semester-long course) of evidence based practice or statistics and research methods.

- **Evidence Based Practice 1 (HLTH 1028)**
  
  **Course aim**
  The aim of this course is to provide students with foundation knowledge and skills for evidence based practice in health sciences.
  
  **Course Content**
  This course is designed to develop foundation knowledge and skills in evidence based practice in health sciences and includes: philosophy and conflicts related to the best available research as defined within the evidence based practice paradigm, accessing electronic databases, common hierarchies for research evidence, assumptions underpinning quantitative and qualitative approaches and the relationship with the concept of best available research evidence, basic research methodologies for quantitative and qualitative approaches including key aspects of study design, sampling, data collection, analysis and research rigour.
  
  **Teaching method:** Lecture 1 hour x 13 weeks, Workshop 2 hours x 10 weeks, Computer Practical 2 hours x 2 weeks.
  

- Other accepted courses are:
  - Research Methods & Statistics (MATH 1071) – see link for more information:

- Not accepted: Statistics only with no research methods

Prerequisite 2: Communication or Group Work

A course equivalent to 4.5 units of communication or group work or human behavioural science

- **Introduction to Group and Team Psychology (HLTH 1017)**
  
  **Course aim**
  The aim of this course is to introduce students to the dynamics of small group functioning and to enhance their ability to operate effectively with a group or team.
  
  **Course content**
  The nature of group dynamics and its significance to life contexts; group formation and development; the process of team building; structural and functional variables in groups and their impact on group effectiveness; building a team culture; the impact of an individual values orientation, paradigms and behaviour on group function; strategies for implementing change in groups; understanding individual behaviour from the perspective choice and responsibility, working with emotional intelligence; contributing to team growth and leadership: key personal habits and goal setting. Influencing others – working collaboratively, managing change and resolving conflict. Models and tools for systematic observation and analysis of group function. Students will be required to attend practical classes at Mawson Lakes.
  
  **Teaching method:** Lecture 1 hour x 12 weeks, Practical 2 hours x 8 weeks, Lecture (pre-camp prep) 1 hour x 8 weeks, Workshop 2 hours x 8 weeks, Camp – 4 days x 6 hours, or alternative community leadership activity of 20 hours: 20 – 24 hours
Not accepted: courses that only address sport psychology

**Prerequisite 3: Human Anatomy**

*Two courses each equivalent to 4.5 units of human anatomy completed with at least a credit level (65%). The courses must explicitly include detailed musculoskeletal anatomy, neuroanatomy and systems anatomy.*

- **Human Anatomy 101 (HLTH 1030)**
  
  **Course aim**
  The aim of this course is to undertake a comprehensive study of the anatomical structure and functions of the musculoskeletal, peripheral nervous, cardio-vascular and respiratory systems and gastrointestinal and genitourinary tracts.

  **Course content**
  Detailed anatomy of the musculoskeletal, cardiovascular and respiratory systems and gastrointestinal and genitourinary tracts. Principles of biomechanics as they apply to individual musculoskeletal segments.

  **Teaching method:** Lecture 3 x 1 hour x 13 weeks, Practical 2 hours x 13 weeks
  **Prerequisite(s):** – HLTH 1020 – Human Anatomy 100

- **Human Anatomy 200 (HLTH 2022)**
  
  **Course aim**
  The aim of this course is to undertake a comprehensive study of the anatomical structures of the head and neck and the structure and function of the human nervous system (central and peripheral).

  **Course content**
  Gross anatomy of the head and neck, central nervous system and the peripheral nervous system (sensory, motor, visual, auditory, vestibular systems, association and speech areas, motor and sensory tracts, ventricular system, basal nuclei, limbic system, cranial and spinal nerves), its functions and blood supply of the central nervous system.

  **Teaching method:** Lecture 3 x 1 hour x 13 weeks, Practical 2 hours x 13 weeks
  **Prerequisite(s):** – HLTH 1020 – Human Anatomy 101

**Prerequisite 4: Physiology**

*Two courses each equivalent to 4.5 units of human physiology with at least a credit level (65%). The courses must explicitly include 30 hours of human musculoskeletal physiology.*

- **Human Physiology 100 (BIOL 1049)**
  
  **Course aim**
  To introduce basic cell biology and how it relates to fundamental physiological principles and systems.

  **Course content**
  Cell biology: principles of homeostasis including feedback loops, basic cell structure and organelle function, transport mechanisms which facilitate the movement of material into and out of cells; protein synthesis, cell division. Tissues and membranes: identification of the major tissues, classification of epithelia and how this relates to function, structure and function of connective tissues, formation and role of membranes. Neural communication: composition and function of neural tissue, resting membrane potential, formation and propagation of nerve signals. Muscle physiology: structure and function of the major muscle types, muscle contraction and control. Skeletal system: function and control of the system, bone formation and its dynamic nature, bone fracture and healing. Blood and cardiovascular system: composition and function of blood, haemostasis, circulatory system, blood pressure, cardiac cycle and regulation. Respiratory system: Structure and function, gas exchange, gas transport, control of respiration. Digestive system: structure and function of the major organs of the digestive system, mechanisms of digestion and
absorption of nutrients and their regulation. Research project: learn how to measure basic physiological parameters, the development of research skills, establish an ability to work collaboratively.

**Teaching method:** Lecture 3 x 1 hour x 13 weeks, Workshop 2 hours x 13 weeks


- **Human Physiology 101 (BIOL 1050)**

  **Course aim**
  To develop an understanding of the normal function of physiological systems and the critical integrative manner in which they interact.

  **Course content**
  Integumentary System: nature and function, injury and healing mechanisms, effect of ageing and UV damage, role in innate immunity; Lymphatic and Immune System: identification and function of the major components of the lymphatic system and the role, distribution and importance of lymphocytes, the mechanisms of non-specific (innate) and specific (adaptive) immunity; Metabolism: describe the basic functioning of the major metabolic pathways involved in energy production; Neural Pathways: structure and function of the central nervous system and peripheral nervous system, sensory pathways, somatic nervous pathway and spinal reflexes, autonomic pathways and the special senses of vision and hearing; Endocrine System: identification of major organs and their functions, major classes of hormones and their functions, general mechanism of hormone action, comparison between the endocrine and nervous systems; Renal System: structure and function of main components, mechanism of urine formation, regulatory processes of glomerular filtration, the role of antidiuretic hormone (ADH) and aldosterone in controlling urine volume and concentration, regulation of fluid and pH; Reproduction: nature and function of the female and male reproductive systems, hormonal regulation, common pathologies. Skills in teamwork and critical thinking.

  **Teaching method:** Lecture 3 x 1 hour x 13 weeks, Workshop 2 hours x 13 weeks


- **Other accepted courses are:**
  Physiology Essentials (BIOL 1051)

  **PLUS an exercise physiology course:**
  Either Exercise Physiology 1 (HLTH 2006)
  OR – Exercise Physiology 2 (HLTH 2005)
  OR – Applied Exercise Physiology (HLTH 3018)