COURSE SPECIFICATION

MSc Clinical Exercise Physiology

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Please refer to the Course Specification Guidance Notes for guidance on completing this document.

Course Title	*MSc Clinical Exercise Physiology*
Final Award	*MSc*
Exit Awards	*PgCert Clinical Exercise Science* *PgDip Clinical Exercise Science*
Alternate exit award	*MSc Clinical Exercise Science (awarded if a student completes 180 credits successfully, but does not satisfactorily complete the Clinical Exercise Physiology Clinical Assessment of Proficiency module).*
Course Code / UCAS code (if applicable)	*P3590FTC* *P3590PTC*
Mode of study	*Full time, Part time*
Mode of delivery	*Campus*
Normal length of course	*12 months full time* *24 months part time*
Cohort(s) to which this course specification applies	*From September 2024 intake onwards*
Awarding Body	*University of Portsmouth*
Teaching Institution	*University of Portsmouth*
Faculty	*Faculty of Science and Health*
School/Department/Subject Group	*School of Psychology, Sport and Health Sciences*
School/Department/Subject Group webpage	*School of Psychology, Sport and Health Sciences | University of Portsmouth*
Course webpage including entry criteria	*https://www.port.ac.uk/study/courses/postgraduatetaught/msc-clinical-exercise-physiology*
Professional and/or Statutory Regulatory Body accreditations	*Academy for Healthcare Science*
Quality Assurance Agency Framework for Higher Education Qualifications (FHEQ) Level	*FHEQ 7*

This course specification provides a summary of the main features of the course, identifies the aims and learning outcomes of the course, the teaching, learning and assessment methods used by teaching staff, and the reference points used to inform the curriculum.
This information is therefore useful to potential students to help them choose the right course of study, to current students on the course and to staff teaching and administering the course.

Further detailed information on the individual modules within the course may be found in the relevant module descriptors and the Course Handbook provided to students on enrolment.

Please refer to the Course and Module Catalogue for further information on the course structure and modules.

Educational aims of the course

The aims of the MSc Degree:

- *To promote an understanding of the inter-disciplinary nature of applied clinical exercise physiology.*
- *To provide advanced knowledge and understanding of scientific principles underpinning health-related fitness enhancement.*
- *To enable students to evaluate and apply a range of research techniques and methodologies.*
- *To evaluate and integrate application of theory to practice with current needs, priorities and ethical frameworks within clinical exercise physiology.*
- *To use problem-based learning approaches to enable students to experience a variety of challenges in clinical exercise physiology.*
- *To provide relevant experience and support to carry out independent research and practice projects of their own design and to interpret and discuss these results within the context of clinical exercise.*

To study a course based on Clinical Exercise Physiology UK standards and facilitate a global outlook on the profession of clinical exercise physiology.

Course Learning Outcomes and Learning, Teaching and Assessment Strategies

The Quality Assurance Agency for Higher Education (QAA) sets out a national framework of qualification levels, and the associated standards of achievement are found in their Framework for Higher Education Qualifications document.

The Course Learning Outcomes for this course are outlined in the tables below.

A. Knowledge and understanding of:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
A1	Clinical exercise physiology from an applied and interdisciplinary perspective.	Lectures, seminars, laboratory work, group work, simulations and the project.	Written and practical exams, reports, case studies and reflective presentations
A2	Applied theoretical research-based knowledge across clinical exercise physiology sub-disciplines.	Lectures, seminars, laboratory work, group work, simulations and the project.	Reports, case studies, presentations and written & practical exams
A3	Problem solving approaches to formulate solutions to a variety of subdisciplines in clinical exercise physiology, including pathophysiology, functional assessment, exercise intervention and behaviour change.	Lectures, seminars, laboratory work, group work, simulations and the project.	Reflective presentations, case studies, and research reports
A4	UK and global career frameworks in clinical exercise physiology.	Lectures and project work.	Reports and project wor*k.*

B. Cognitive (Intellectual or Thinking) skills, able to:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
B1	Recognise and critically analyse assessment, interventions and behaviour change approaches used within clinical exercise physiology.	Lectures, seminars, laboratory work, group work, simulations and the project.	Reports, reflective and presentations
B2	Apply scientific principles to the implementation of clinical exercise physiology and evaluation strategies.	Lectures, seminars, laboratory work, group work, simulations and the project.	Written and practical exams and presentations
B3	Use principles and supporting theory to solve “real” health-related fitness issues and challenges.	Lectures, seminars, laboratory work, group work, simulations and the project.	Written & practical exams, case studies, reports and presentations

C. Practical (Professional or Subject) skills, able to:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
C1	Analyse and interpret clinical information relating to pathophysiology and risk stratification for application within a clinical exercise physiology environment.	Lectures, seminars, laboratory work, group work, simulations and the project.	Case studies and written exams
C2	Proficiently apply and interpret tests of health status and functional capacity in a safe, confident and reliable manner.	Lectures, seminars, laboratory work, group work, simulations and the project.	Exams, presentations and reports
C3	Design, deliver and evaluate evidence-based and patient-centred exercise interventions suitable for people with exercise limitation(s)	Lectures, seminars, laboratory work, group work, simulations and the project.	Infographics, poster, and practical assessments
C4	Communicate in an effective and professional manner in the clinical exercise physiology environment	Lectures, seminars, practicals and clinical simulations	Infographics, poster, reports, presentations, case studies and practical assessments

D. Transferrable (Graduate and Employability) skills, able to:			
LO number	**Learning outcome**	**Learning and Teaching methods**	**Assessment methods**
D1	Communicate effectively and confidently, using a range of media.	Laboratory work, seminars, simulations and project work.	Infographics, poster, reports, presentations, case studies and practical assessments
D2	Be an independent learner and demonstrate collaborative skills.	Lectures, seminars, laboratory work, group work, simulations and the project.	Research reports and reflective presentations
D3	Develop a self-reflective skill to evaluate professional practice and development.	Lectures, seminars, laboratory work, group work, simulations and the project.	Formative continuous assessment and reflective presentations.

Academic Regulations

The current University of Portsmouth Academic Regulations: Examination & Assessment Regulations*(Delete as appropriate)* will apply to this course. This course has an Approved Course Exemption.

Support for Student Learning

The University of Portsmouth provides a comprehensive range of support services for students throughout their course, details of which are available at the MyPort student portal.

In addition to these University support services this course also provides…

Please add additional distinctive items where relevant or delete the sentence above.

Evaluation and Enhancement of Standards and Quality in Learning and Teaching

The University of Portsmouth undertakes comprehensive monitoring, review and evaluation of courses within clearly assigned staff responsibilities. Student feedback is a key feature in these evaluations, as represented in our Policy for Listening to and Responding to the Student Voice where you can also find further information.

Reference Points

The course and outcomes have been developed taking account of:

- University of Portsmouth Curriculum Framework Specification
- University of Portsmouth Vision 2030 and Strategy 2025
- Quality Assurance Agency UK Quality Code for Higher Education
- Quality Assurance Agency Qualification Characteristic Statements
- Quality Assurance Agency Framework for Higher Education Qualifications
- CEP-UK MSc Clinical Exercise Physiology Curriculum Framework
- Academy for Healthcare Science Good Scientific Principles
- Standards of proficiency for Healthcare Science Practitioners
- AHCS Standards of Education and Training
- AHCS Guidelines for Accreditation

Changes to your course/modules

The University of Portsmouth has checked the information provided in this Course Specification and will endeavour to deliver this course in keeping with this Course Specification. However, changes to the course may sometimes be required arising from annual monitoring, student feedback, and the review and update of modules and courses.

Where this activity leads to significant changes to modules and courses there will be prior consultation with students and others, wherever possible, and the University of Portsmouth will take all reasonable steps to minimise disruption to students.

It is also possible that the University of Portsmouth may not be able to offer a module or course for reasons outside of its control, for example, due to the absence of a member of staff or low student registration numbers. Where this is the case, the University of Portsmouth will endeavour to inform applicants and students as soon as possible, and where appropriate, will facilitate the transfer of affected students to another suitable course.

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