

Programme Specification: Undergraduate

For students starting in Academic Year 2019/2020

1. Course Summary

Names of programme(s) and award title(s)	MSci Physiotherapy MSci Physiotherapy with International Year (see Annex A for details)
Award type	Integrated Masters
Mode of study	Full time
Framework of Higher Education Qualification (FHEQ) level of final award	Level 7
Duration	4 years 5 years with International Year between years 2 and 3
Location of study	Keele University – main campus
Accreditation (if applicable)	This programme is approved by the Health and Care Professions Council (HCPC) and accredited by the Chartered Society of Physiotherapy (CSP). For further details see the section on Accreditation.
Regulator	Health and Care Professions Council (HCPC) Office for Students (OfS)
Tuition Fees	UK/EU students: Fee for 2019/20 is £9,250* International students: Fee for 2019/20 is £18,000** The fee for the international year abroad is calculated at 15% of the standard year fee
Additional Costs	Please refer to the Additional costs section

How this information might change: Please read the important information at <http://www.keele.ac.uk/student-agreement/>. This explains how and why we may need to make changes to the information provided in this document and to help you understand how we will communicate with you if this happens.

2. What is an MSci programme?

The Masters level programme described in this document allows you to focus exclusively on the study of Physiotherapy. Physiotherapy has been offered at Keele University since 1994. Integrated master's awards are delivered through a programme that combines study at a bachelor's degree with honours with study at master's level. As such, a student graduates with an integrated master's degree after a single four-year programme of

* These fees are regulated by Government. We reserve the right to increase fees in subsequent years of study in response to changes in government policy and/or changes to the law. If permitted by such change in policy or law, we may increase your fees by an inflationary amount or such other measure as required by government policy or the law. Please refer to the accompanying Student Terms & Conditions. Further information on fees can be found at <http://www.keele.ac.uk/studentfunding/tuitionfees/>

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study. The Integrated Masters programme described in this document builds upon the three year Single Honours programme by adding a fourth year in which students study modules in Physiotherapy at an advanced level.

3. Overview of the Programme

Physiotherapy emphasises the use of physical approaches in the promotion, maintenance and restoration of an individual's physical, psychological and social wellbeing, encompassing variations in health status. Physiotherapists work with individuals to maximise quality of life by restoring, maintaining and improving function and movement, by promoting physical approaches to optimising health, wellbeing and illness prevention. Physiotherapists deliver high quality services to meet patient and population needs in accessible, responsive, timely ways and work to help address health inequalities. The profession is founded on a strong, evolving evidence base, a broad scope of practice, clinical leadership and patient-centred professionalism. The Keele MSci Physiotherapy programme reflects the shifting emphasis away from increasing the quantity of care available towards enhancing the quality of care, moving away from a medical disease model towards a health model based on prevention of disease and personal responsibility. The programme is designed to ensure that its content is current, reflecting contemporary physiotherapy practice in the UK, and is sufficiently flexible to accommodate the changing demands of health and social care and the future requirements of the profession, both in the UK and globally. The programme is committed to the development and provision of high quality multi- and inter-professional learning.

As the programme progresses you will learn to appreciate the importance of your role in the education of patients, carers and colleagues and will be able to demonstrate sensitivity to the context of learning situations in a healthcare environment. You will develop responsibility for the ownership, planning and implementation of your own continuing professional development and your studies will equip you to function effectively in partnership and leadership roles. In the final year the programme offers the opportunity to explore specialist areas of practice and [where appropriate] to undertake and develop those skills in a practice environment. The School of Health and Rehabilitation utilises a range of high quality practice based settings in order to deliver the clinical component of the programme.

The MSci Physiotherapy programme at Keele will, in an environment of reflection and research awareness, enable you to develop into an autonomous professional, able to initiate and respond to change in a wide variety of settings. As a student you will embrace a vision of patient-centred care within contemporary health and social care environments. You will develop the attributes of a competent practitioner underpinned by knowledge enabling you to become, and remain, fit for purpose, delivering high quality, safe, integrated and effective care.

4. Aims of the Programme

The broad aims of the programme are to enable you to:

Develop the knowledge, skills, behaviours and values that underpin contemporary physiotherapy practice and develop competence in applying clinical skills to the practice of physiotherapy. You will develop clinical reasoning and decision-making skills to enable you to undertake best physiotherapy practice in partnership with service users and colleagues. The programme will enable you to develop the competencies required for autonomous practice in a diverse range of health and social care settings. This four year programme also offers you the opportunity to develop learning in some specialist areas of practice, these areas may be self-selected via negotiation with or guided directly by academic staff to support your professional profile. Hours spent in the practice experience environment will exceed the minimum 1000 hours required by the CSP, this additional capacity is intended to consolidate and enhance your clinical skills.

The programme aims to promote research awareness and its application to physiotherapy practice and the wider health and social care context and to provide you with the skills to adapt and respond positively to change. In doing this, you will develop key transferable skills to prepare you for graduate employment.

Throughout the programme you will get the opportunity to enhance the development of your interpersonal skills along with effective team working and partnership skills. This approach promotes engagement in lifelong learning, which is a key feature of the development of an autonomous professional.

The programme promotes effective inter-professional working practices and facilitates the development of leadership and management skills.

Distinctive features of Physiotherapy programmes at Keele are:

- Physiotherapy programmes at Keele have a history of excellence, having been consistently highly rated by their graduates as illustrated by strong performance in national league tables.
- Physiotherapy education at Keele has a demonstrable track record of innovation in programme design, modules such as Health Behaviour Change, Learning and Teaching in Healthcare, Leadership and Management for Healthcare Professionals and Enhanced Practice modules continue that tradition. Innovation is evident in many aspects of the programme, for example, in terms of the inter relationship of modules, their currency of content, and varied approaches to delivery and assessment.
- A strong tradition of excellent staff student relationships and collaborative partnerships across a range of clinical bases.
- Teaching by a range of highly skilled, highly qualified and knowledgeable staff some of whom are nationally and internationally recognised as experts in their field.
- Practice experience undertaken in a variety of healthcare environments that is supported by accredited practice educators with extensive knowledge and experience in a range of clinical specialities.
- Inter-professional education is embedded within the programme allowing you to learn alongside other health and social care students. This approach is designed to contribute to professional understanding and respect as students of various professions learn with, from and about each other for the benefit of patient care.
- Student choice [subject to guidance and student profile] is a feature of the programme. The opportunity to make choices relating to enhanced practice modules in Year 4 enables you to consolidate and refine your knowledge and skills in key areas of practice.
- Support to develop analytical and reasoning skills that are transferable across the various aspects of physiotherapy practice and wider employment market. The opportunity to develop these skills is designed to support your capacity to practice effectively across your chosen career span.
- Opportunity for international placement experience [subject to satisfactory student performance and availability], such experiences are designed to support your personal and professional development.
- A comprehensive range of high quality student support mechanisms.

The programme is designed to provide education and training that is approved by the Health and Care Professions Council (HCPC) and the Chartered Society of Physiotherapy (CSP). Therefore allowing the title of 'Physiotherapy to be awarded.

5. What you will learn

The programme is designed to meet the Health and Care Professions Council's [HCPC] Standards of Education and Training (2017) therefore as the successful and graduate from the programme, you will be equipped to meet the:

- HCPC Standards of Proficiency - Physiotherapy (2013)
- HCPC Standards of Conduct, Performance and Ethics (2016).

The programme is also aligned with the Learning and Development Principles for CSP Accreditation of Qualifying Programmes in Physiotherapy (CSP 2010). As a student you will develop knowledge, understanding and skills that are both generic to healthcare and specific to physiotherapy. The CSP's 2013 Physiotherapy Framework (see Table 1) defines and describes the behaviours (and underpinning values), knowledge and skills required for

contemporary physiotherapy practice. It identifies that physiotherapy practice is made up of four elements that become integrated in practice as identified in table 1.

Table 1: Chartered Society of Physiotherapy Framework

Element	Framework Domain
1. Physiotherapy values	Values
2. Physiotherapy knowledge	Knowledge & understanding of physiotherapy Political awareness Self-awareness
3. Physiotherapy practice skills	Physiotherapy practice skills
4. Generic behaviours, knowledge & skills: <ul style="list-style-type: none"> • for interacting • for problem-solving & decision-making 	Communicating Helping others learn & develop Managing self & others Promoting integration & teamwork Putting the person at the centre of practice Respecting & promoting diversity Ensuring quality Improving & developing services Lifelong learning Practice decision making Researching & evaluating practice Using evidence to lead practice

These elements are taught, developed and assessed via individual modules and their inter relationships across the four years of the programme. Achievement of outcomes that support the development of these elements allows students to successfully meet the HCPC three key areas of physiotherapy proficiency:

- Professional autonomy and accountability
- Identification and assessment of health and social care needs
- Knowledge, understanding and skills

Annex B provides details of when and in which modules the four elements of physiotherapy practice are developed and assessed across the four year programme.

Keele Graduate attributes

Engagement with this programme will enable you to develop your intellectual, personal and professional capabilities. At Keele, we call these our ten Graduate Attributes and they include independent thinking, synthesizing information, creative problem solving, communicating clearly, and appreciating the social, environmental and global implications of your studies and activities. Our educational programme and learning environment is designed to help you to become a well-rounded graduate who is capable of making a positive and valued contribution in a complex and rapidly changing world, whichever spheres of life you engage in after your studies are completed.

Further information about the Keele Graduate Attributes can be found here: <http://www.keele.ac.uk/journey/>

6. How is the Programme taught?

The programme is structured around key elements of physiotherapy practice which are introduced, developed and enhanced via individual modules over the four year programme. Learning and teaching methods used on the programme vary according to the subject matter and level of the module. Teaching is undertaken in both the university and clinical environments. All teaching is designed to integrate university learning and learning undertaken in practice settings.

Physiotherapy practical skills are taught in small groups in the university, as are some other areas of the programme. The number of students within these groups is variable depending upon subject matter. In the practice setting students work with designated practice educators and are also supported by visiting tutors from the School. University based elements of the programme are taught using a variety of approaches including:

- **Lectures** where the lecturer provides students with a framework and context for further reading and independent study. Various lecture formats will be adopted including for example, **interactive lectures** designed to engage you in your learning, for example the use of Audience Response Systems and a range of other media. At other times **external speakers** may be invited. These individuals may be patients/ service users, clinicians, active researchers, academics in the field of physiotherapy and related health and social care practice, all offer invaluable perspectives designed to enhance your practice.
- **Practical work** allows you to observe the application of, or develop physiotherapy practical skills under the supervision of academic staff.
- **Learning in the practice environment** (practice experience) where you are able to develop your clinical and professional skills under the supervision of an allocated practice educator(s).
- **Small group workshops** when you will work together with other students to, for example, critically appraise research papers relating to some aspect of physiotherapy practice. Other approaches to the group workshop might involve working together over an extended period of time to develop a piece of work such as a poster which you may then subsequently present and defend.
- **Individual and group presentations** where you will research and present a topic with relevance to practice (for example specific approaches to communication or reasoning for particular approaches in physiotherapy research) to the whole group with time allowed for interactive questions and discussion.
- **Student and tutor-led tutorials** which encourage topics of interest and relevance to a module to be explored in depth within a small group; problem-solving scenarios and case studies may be used as a vehicle for such discussion.
- **Web-based learning** using the Keele Virtual Learning Environment (KLE): this medium is used by all modules and provides a platform for students to share online discussions and to access a wide range of learning resources. In addition, applications such as Google Communities and web-based audience feedback systems are used to support and monitor learning. 'Lecture Capture' and videos are also important adjuncts that are available to support your learning.
- **Independent study** will be required in each module; some study will be guided by tutors where necessary, but will also be self-directed depending upon the various demands of each module and its assessment. This type of learning may be facilitated by use of a range of resources such as work packages and access to specific web based programmes. Independent study also forms an important part of the development of the final year research project, which is supported by an allocated member of the academic staff.
- You will participate in **inter-professional learning** in groups made up of a range of other health and social care students, an approach that enables you to learn with, from and about your current peer group and the perspectives of future colleagues.

Apart from these formal activities, one-to-one tutorials are available to support you on an individual basis, on request. This approach is designed to enable you to discuss any particular identified areas of difficulty, and particular learning needs. These tutorials will also give you feedback related to assessed work and support you in the development of strategies to manage your learning (e.g. writing action plans and portfolio use).

These learning and teaching methods support you to achieve the programme learning outcomes in a variety of ways. For example:

- Lectures and independent study enable you to broaden and deepen your existing professional knowledge and understanding of the core scientific principles and concepts of physiotherapy, and to transfer scientific knowledge from theory into practice.
- Practical work in both university and clinical environments supports you to develop, enhance and update the learning of new skills under the supervision of experts. It facilitates the development of safe and competent practice, and the integration of theoretical and practical knowledge and skills.
- Focussing on the management of common pathologies whilst demonstrating the transferability of these skills to the management of less common or multiple complex pathologies.
- Small group work, such as seminars, and workshops, provides opportunities for you to clarify and exchange ideas with both peers and staff, and to question and challenge professional concepts.
- Guided independent study and tutorials will assist you to explore in depth, and evaluate, aspects of professional practice.
- Seminars, tutorials and web-based e-learning activities encourage reflection upon your learning and to take responsibility for its development, and to collaborate with others to share, explore, and evaluate ideas in greater depth.

7. Teaching Staff

The permanent academic staff contributing to the programme are drawn from the University's School of Health and Rehabilitation along with contributions from specialist experts when appropriate. The school team includes: professors, senior lecturers, lecturers, teaching fellows and academic related staff currently giving a staff student ratio for the programme of 1:15. All current permanent academic staff are fellows of, or are working towards, Fellowship of the Higher Education Academy. All current permanent academic staff hold (or are working towards) academic qualifications to at least Master's degree level and currently twelve staff hold or are working towards a doctoral qualification. All staff who are physiotherapists are HCPC registered and have had experience working in the NHS and other areas of healthcare. The academic staff group also currently includes Radiographers, an Exercise Physiologist and a Bioengineer. The staff group has extensive experience of teaching at undergraduate and postgraduate level and includes individuals with expertise in learning and teaching and research. The work of research active staff has been widely published and shared via conference presentations.

Several current staff are active members of clinical specialist interest groups. The Council for Allied Health Professional Research (CAHPR) Regional Hub Lead (Keele Hub) is a permanent member of academic staff in the school. The School of Health and Rehabilitation also supports honorary contracts with a local Consultant Physiotherapist and clinical physiotherapists at the UK National Football Centre.

The practice component of the programme is delivered and assessed by a range of Practice Educators. These are suitably experienced practitioners working across a broad range of practice environments. All have undertaken the School's Practice Educators training course, for which they are offered regular updates.

The University will attempt to minimise changes to our core teaching teams, however, delivery of the programme depends on having a sufficient number of staff with the relevant expertise to ensure that the programme is taught to the appropriate academic standard.

Staff turnover, for example where key members of staff leave, fall ill or go on research leave, may result in changes to the programme's content [HCPC and CSP requirements will continue to be met] . The University will endeavour to ensure that any impact on students is limited if such changes occur.

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8. What is the Structure of the Programme?

The academic year runs from September to June and is divided into two semesters. The number of weeks of teaching will vary from course to course, but you can generally expect to attend scheduled teaching sessions between the end of September and mid-December, and from mid-January to the end of April.

Our degree courses are organised into modules. Each module is usually a self-contained unit of study and each is usually assessed separately with the award of credits on the basis of 1 credit = 10 hours of student effort. An outline of the structure of the programme is provided in the tables below.

All modules within your programme are compulsory, that is, you are required to study them. Within some of these university based modules [level 7 only] you may be able to make a choice of subject matter from a given selection. There may also be the opportunity to undertake one core practice education module in a setting of their choice- this opportunity is subject to ongoing satisfactory clinical performance and practice education base availability. A summary of the credit requirements per year is identified in Table 3, with a minimum of 120 subject credits required for each year.

The programme is studied full time over four years and teaching is delivered via individual modules. Each year is arranged into two units called semesters (Autumn and Spring) which vary in length. In each academic year time is spent in both the university and practice settings (see Table 2 for exact number of weeks normally spent in each setting).

Table 2: Distribution of Programme Weeks [excluding assessment periods]

Year of Study	FHEQ level	Number of weeks based in University	Number of weeks based in Practice Experience settings	Total number of weeks
1	4	24½	3½	28
2	5	18	9	27
3	6	19	9	28
4	7	18	13	31

The course is structured around key aspects of physiotherapy practice including:

- A fundamental understanding of biomedical and human sciences
- Knowledge and application of physical assessment skills and clinical reasoning
- A repertoire of safe and effective prevention and treatment skills to address commonly occurring problems of movement dysfunction and wellbeing, to meet the needs of people of all ages
- Evidence based evaluation and discharge/modification skills
- Effective communication and interpersonal skills.
- Leadership and management skills

These are introduced, developed and enhanced via individual modules (worth credits ranging from 15-30, see Table 3) over the 4 year programme; each year carries 120 credits. The curriculum also facilitates the progression from novice to advanced beginner to competent practitioner (Benner, 2001; Benner, 2009).

For further information on the content of modules currently offered, including the list of elective modules, please visit: www.keele.ac.uk/recordsandexams/az

Table 3: Overview of Modules and Credit Value NB All modules are compulsory

YEAR 1 [FHEQ LEVEL 4]	CREDIT	YEAR 2 [FHEQ LEVEL 5]	CREDIT
Anatomy, Physiology & Movement Science Musculoskeletal (MSk) (MSci)	15	Physiotherapy Practice: Musculoskeletal (MSci)	15
Anatomy, Physiology & Movement Science Neurological, Cardiovascular and respiratory (N, CVR [AHP])	15	Physiotherapy Practice: Neurology (MSci)	15
Applied Anatomy, Physiology and Movement Science (MSci/ BSc R&ES)	15	Physiotherapy Practice: Cardiovascular & Respiratory (MSci)	15
Health & Well Being (MSci/ BSc R&ES)	15	Evidence Based Health & Rehabilitation (MSci)	15
Practice Experience 1 (MSci)	Pass/Fail	Implementing Evidence into Practice	15
Principles of Rehabilitation (MSci/ BSc R&ES)	15	Practice in Specific Populations (MSci)	15
Principles of Assessment & Measurement (MSci/ BSc R&ES)	15	Practice Experience 2a	15
Professionalism and Effective Communication (MSci/ BSc R&ES)	15	Practice Experience 2b	15
Fundamentals of Physiotherapy Practice	15	Interprofessional Education 2	Pass/Fail
TOTAL	120	TOTAL	120

YEAR 3 [FHEQ LEVEL 6]	CREDIT	YEAR 4 [FHEQ LEVEL 7]	CREDIT
Practice Experience 3a	15	Practice Experience 4a	10
Learning and Teaching in Healthcare	15	Enhanced Practice: Cardiovascular and Respiratory, Musculoskeletal Rehabilitation or Neurological Rehabilitation (2 out of 3 optional modules must be taken)	15
Physiotherapy Management of the Complex	15	Enhanced Practice: Cardiovascular and	15

Patient (MSci)		Respiratory, Musculoskeletal Rehabilitation or Neurological Rehabilitation (2 out of 3 optional modules must be taken)	
Evaluating Healthcare Services	15	Research Skills and Funding	15
Practice Experience 3b	15	Practice Experience 4b	10
Health Behaviour Change (MSci)	15	Leadership and Management for Healthcare Professionals	15
Caseload Management of Frailty, Trauma and Long Term Conditions	15	Practice Experience 4c	10
Planning Research	15	Research Project (level 7)	30
Interprofessional Education 3	Pass/Fail		
TOTAL	120	TOTAL	120

KEY TO TABLE 3 ABBREVIATIONS

AHP: Allied Health Professional

IPE: Interprofessional Education

BSc R&ES – BSc Hons Rehabilitation & Exercise Science programme

Learning Outcomes

Annexes B, C and D [CSP Physiotherapy Elements mapping, graduate attribute mapping and assessment overview respectively] set out what you learn in each year of the Programme, the modules in which that learning takes place, and the main ways in which you are assessed on your learning. Across the programme these learning outcomes are achieved via compulsory modules which you are required to take.

9. Final and intermediate awards

The programme is designed to educate physiotherapy practitioners. Consequently, the expectation is that you will complete the full programme of study obtaining 480 credits and so be awarded the MSci Physiotherapy. As a student you usually accumulate 120 credits per academic year. If you leave the programme before completing 480 credits you may be eligible for an alternative award. Physiotherapists must complete an approved programme of study in order to be eligible to apply for professional registration and so use the title 'physiotherapist' as Chartered Physiotherapist is a protected title. Successful completion of the MSci programme offers eligibility to apply for HCPC registration, successful HCPC application then offers entitlement to practise in the UK as a Physiotherapist. Should you not achieve the award of MSci Physiotherapy you **will not** be eligible for registration with the HCPC and so will not be able to practise as a Physiotherapist. You may be eligible for an interim award, but should be aware that any such award will not contain the term 'physiotherapy'.

Table 4: Credits required for each level of academic award

MSci Physiotherapy	480 credits	You will require at least 120 credits at levels 4, 5, 6 and 7 Graduates are eligible to apply for registration with the HCPC and on successful registration are entitled to practice physiotherapy in the UK and apply for membership of the CSP. Students will accrue a minimum of 1000 clinical hours required to join the HCPC register.
MSci Physiotherapy with International Year	480 credits	You will require at least 120 credits at levels 4, 5, 6 and 7. In addition you must pass a module covering the

		<p>international year in order to graduate with a named degree in Physiotherapy with International Year. If you do not complete, or fail the international year, you will be transferred to the four year Physiotherapy programme.</p> <p>Graduates are eligible to apply for registration with the HCPC and on successful registration are entitled to practice physiotherapy in the UK and apply for membership of the CSP. Students will accrue a minimum of 1000 clinical hours required to join the HCPC register.</p> <p>Graduates are eligible to apply for registration with the HCPC and on successful registration are entitled to practice physiotherapy in the UK and apply for membership of the CSP. Students will accrue a minimum of 1000 clinical hours required to join the HCPC register.</p>
BSc [Hons] Health and Rehabilitation	360 credits	<p>You will require at least 120 credits at levels 4, 5 and 6</p> <p>Providing 360 credits have been achieved, the title of the award will be BSc (Hons) Health and Rehabilitation.</p> <p>N.B. The title of any such award will <u>not</u> include the title physiotherapy or physical therapy. This award does not confer eligibility to apply for registration with the HCPC and recipients are not entitled to practice physiotherapy.</p>
Diploma of Higher Education in Health and Rehabilitation	240 credits	<p>You will require at least 120 credits at level 4 or higher and at least 120 credits at level 5 or higher</p> <p>N.B. The title of any such award will <u>not</u> include the title physiotherapy or physical therapy. This award does not confer eligibility to apply for registration with the HCPC and recipients are not entitled to practice physiotherapy.</p>
Certificate of Higher Education in Health and Rehabilitation	120 credits	<p>You will require at least 120 credits at level 4 or higher</p> <p>N.B. The title of any such award will <u>not</u> include the title physiotherapy or physical therapy. This award does not confer eligibility to apply for registration with the HCPC and recipients are not entitled to practice physiotherapy.</p>

10. How is the Programme assessed?

The wide variety of assessment methods used within Physiotherapy at Keele reflects the broad range of knowledge and skills that are developed as you progress through the degree programme. Teaching staff pay particular attention to specifying clear assessment criteria and providing timely, regular and constructive summative^[1] as well as formative^[2], individual, as well as group feedback that helps to clarify things you did not understand and helps you to improve your performance. The following list is representative of the variety of assessment methods used within Physiotherapy:

- **Written work/ assignments** test the quality and application of subject knowledge. In addition they allow you to demonstrate your ability to carry out basic literature searches, communicate your ideas effectively in writing and support your arguments with appropriate referencing. Written pieces vary in their length depending upon the module
- **Written Examinations** are undertaken in a range of formats and include online multiple choice

examinations, web based peer assessment, essay and short answer questions. This type of assessment is designed to test your knowledge and (as appropriate), your ability to apply that knowledge appropriately to professional practice.

- **Reflective assignments** enable you to develop your skills of reflective learning and practice and support portfolio development. These are fundamental skills used by all healthcare professionals as part of their continuing professional development
- **Oral presentations/ oral examinations** assess your subject knowledge and understanding. They may also be used to test your ability to work effectively as a member of a team, to communicate what you know orally and visually, and to reflect on these processes as part of your own personal development
- **Practical Examinations/ Interactive Practical Assessment [IPA] examinations** occur in modules that involve the teaching and learning of practical clinical skills These examinations enable you to demonstrate the safe and effective application of practical clinical skills, to justify your clinical choices and offer reasoned alternatives
- **Research project** is a student led piece of independent research. Nominated supervisors support you throughout the process, which includes gaining ethical approval from the Student Project Ethics Committee (SPEC) within the School of Health and Rehabilitation or other appropriate ethics committee. This assessment is designed to develop your capacity as an independent learner and ability to engage in the research process. It also develops IT skills in use of various software for presentation and data analysis (e.g. Word, Excel, SPSS)
- **Practice assessment** is undertaken during practice experience modules and enables you to demonstrate the safe and effective application of professional practice

Marks are awarded for summative^[1] assessments designed to assess your achievement of learning outcomes. You will also be assessed formatively^[2] to enable you to monitor your own progress and to assist staff in identifying and addressing any specific learning needs. Feedback, including guidance on how you can improve the quality of your work, is also provided on all summative assessments within three working weeks of submission, unless there are compelling circumstances that make this impossible, and more informally in the course of tutorial and seminar discussions.

[1] Summative assessment – the assessment of student performance against a standard where a final mark is awarded.

[2] Formative assessment – informal assessment processes designed to provide feedback to students to improve their learning.

11. Contact Time and Expected Workload

This contact time measure is intended to provide you with an indication of the type of activity you are likely to undertake during this programme. The data is compiled based on module choices and learning patterns of students on similar programmes in previous years. Every effort is made to ensure this data is a realistic representation of what you are likely to experience, but changes to programmes, teaching methods and assessment methods mean this data is representative and not specific.

Undergraduate courses at Keele contain an element of module choice; therefore, individual students will experience a different mix of contact time and assessment types dependent upon their own individual choice of modules. The figures below are an example of activities that a student may expect on your chosen course by year/stage of study. Contact time includes scheduled activities such as: lecture, seminar, tutorial, project supervision, demonstration, practical classes and labs, supervised time in labs/workshop, fieldwork and external visits. The figures are based on 1,200 hours of student effort each year for full-time students.

Table 5: Expected Contact Time and Workload

Activity	Year 1 (Level 4)	Year 2 (Level 5)	Year 3 (Level 6)	Year 4 (Level 7)
Scheduled learning and teaching activities	31%	30%	24%	15%

Guided independent Study	59%	44%	50%	51%
Placements	10%	26%	26%	34%

12. Accreditation

This programme is approved by the Health and Care Professions Council (HCPC) and accredited by the Chartered Society of Physiotherapy.

Please note the following:

Graduates of the programme are eligible to apply for registration with the Health and Care Professions Council (HCPC). In order to use the title 'physiotherapist' a practitioner must be registered with the HCPC. HCPC registration is a prerequisite for employment as a physiotherapist in the UK NHS. The programme meets the requirements of the HCPC standards of Education and Training (2014) and the Chartered Society of Physiotherapy (CSP) Learning and Development Principles for CSP Accreditation of Qualifying Programmes in Physiotherapy (2010).

Module Selection: All modules are currently compulsory.

Regulations: Your programme has professional accreditation and there are course specific regulations, which you have to agree to abide by.

13. Regulations

The University Regulations form the framework for learning, teaching and assessment and other aspects of the student experience. Further information about the University Regulations can be found at: <http://www.keele.ac.uk/student-agreement/>.

14. What are the typical admission requirements for the programme?

Applicants must be able to satisfy the general requirements of Keele University and the School of Health and Rehabilitation. The School implements an inclusive system of academic requirements to widen access for appropriately qualified candidates at different career stages.

Table 6: Typical Admission Requirements for the Programme

Subject	A-level	Subjects not included	International Baccalaureate	BTEC	Access to Higher Education Diploma	GCSE requirements
Physiotherapy	ABB or A*BC A-level Biology, Human Biology or PE at Grade B or above. A Pass in Science Practical will be required if applicants is taking A-level Biology (England)** ** Science practical only required from applicants taking reformed A level Biology, Chemistry or Physics in England.	General Studies and Critical Thinking	34 points	Extended Diploma 180 credits DDD + B at A Level or Diploma (120 credits, DD) BTEC Subsidiary Diploma (60 credits, D) / OCRCT Introductory Diploma (60 credits) + BB at A Level	Obtain Access to Higher Education Diploma with 60 credits including at least 45 credits at Level 3 (15 of these to include topics relating to Human Biology / Anatomy / Physiology)	6 GCSEs (or equivalent) in one sitting at Grade C (or 4) including Maths, English Language, Combined or Single Science subject

Further details of the specific academic requirements for the MSci Physiotherapy Programme can be found at the following location: <http://www.keele.ac.uk/physiotherapy/entryqualifications/>

NB: Applicants are expected to have a minimum of 2 years post GCSE study or work experience. Although it is recognised that some applicants will be mature students where this may not be applicable.

All offers are normally conditional upon the applicant having a satisfactory Occupational Health assessment, and an enhanced clearance by the Disclosure and Barring Service (DBS). The School requires students to become student members of the Chartered Society of Physiotherapy (CSP). Student membership of the CSP provides access to a range of useful resources and also provides insurance for clinical placements. Further information can be found at the CSP website www.csp.org.uk.

Applicants who are not currently undertaking any formal study or who have been out of formal education for more than 3 years and are not qualified to A-level or BTEC standard may be offered entry to the University's Foundation Year Programme.

Applicants for whom English is not a first language must provide evidence of a recognised qualification in English language. The minimum score for entry to the Programme is Academic IELTS 7.0 (to include a minimum of 6.5 in each subtest) or equivalent.

Please note: All non-native English speaking students are required to undertake a diagnostic English language assessment on arrival at Keele, to determine whether English language support may help them succeed with their studies. An English language module may be compulsory for some students during their first year at Keele.

Accreditation of Prior Learning (APL) is considered on a case-by-case basis and those interested should contact the Programme Director. The University's guidelines on this can be found here: <http://www.keele.ac.uk/qa/accreditationofpriorlearning/>

Funding Information: The programme is student finance funded.

Contact Details: School of Health and Rehabilitation

Tel: 01782 734191

Email: physiotherapyadmissions@keele.ac.uk

15. How are students supported on the programme?

The School provides a comprehensive range of support for student learning on the Programme in addition to that provided by the University. Key to the success of this support are the following:

- As a student you are allocated to a personal tutor who is responsible for reviewing and advising on academic and practice progress. Personal tutors also offer pastoral support, acting as a first point of contact for non-academic issues which may affect your learning. Personal Tutors can refer you on to a range of specialist health, welfare and financial services coordinated by the University's Student Services
- Module Leaders provide support for learning on the modules and the related assessments. They ensure that appropriate, tutorial support is available via the module team and that the team provides feedback in a timely manner. Module leaders also ensure that individual feedback on in-course assessments is available to all students
- Disability Liaison Officer provides support for students with disabilities (including specific learning difficulties) and works closely with wider university student support staff
- In the first year you are offered a student mentor
- Practice Educators provide supervision whilst you are on clinical placement
- Visiting Tutors liaise between the School and Clinical Bases and provide you with support during practice experience modules

Throughout the year members of academic staff operate an 'open door' policy during normal working hours. All members of academic staff are available to see you on an individual basis outside normal working hours via a flexible appointments system. Those meetings may be face to face or can be facilitated via electronic media e.g. Google Hangouts if you are, for example, on a placement that is distant from the university.

16. Learning Resources

The programme is delivered mainly in modern teaching rooms in the School of Health and Rehabilitation, all of which are equipped with computers, internet access and projection equipment. Rooms are designed to be flexible and can be used for larger groups, and more informally for small groups working together. The learning resources available to students on the programme include:

- An extensive collection of materials relevant to postgraduate study held in both the main University Library on Keele campus, and in the Health Library on the campus of the University Hospital of North Midlands NHS Trust. A number of relevant journals are also accessible online and are accessible from anywhere in the world with a University username and password and internet access.
- The Keele Virtual Learning Environment (KLE) provides easy access to: a wide range of learning resources including lecture notes, presentations and discussion boards enabling you to discuss topics with peers and tutors; all information about the programme; and all modules and other materials designed specifically for particular modules. It can also be used to develop reusable learning objects (RLOs) and integrate learning with assessment.
- The School of Health and Rehabilitation has a wide range of relevant teaching materials available including a large selection of anatomical models, video and DVD materials, Advanced Life Support Patient Simulator, electrotherapy equipment, and an extensive range of equipment related to exercise therapy, including small apparatus, and adjustable plinths. Various pieces of specialised exercise testing equipment are also available (e.g. gas analysis, cycle ergometer, treadmill with bodyweight support facility, sensory testing kits, heart rate monitors, video, etc.).
- Regular opportunities to attend the University's Anatomy Suite (situated in the Medical School) are embedded in teaching throughout the course of the programme.
- Computers are situated in both the Main Library and in the Health Library.

17. Other learning opportunities

Study abroad (semester)

A summary of the International Year, which is a potential option for you after completion of year 2 (Level 5), is provided at Annex A.

Other opportunities: You may have the opportunity to present your final year project work via poster or presentation at conferences. A contribution from the School towards the costs incurred in these ventures may be available and will be considered on an individual basis. Such opportunities occur outside the normal timetabled programme; thus will require a commitment of time on your part.

18. Additional costs

During the programme there will be some additional mandatory costs:-

- Student membership of the Chartered Society of Physiotherapy costs £96 for three years and is paid by cheque/ cash at the start of the first year
- In the first year, all students borrow half skeletons in pairs to help their learning of anatomy. There is a charge of £35 per person paid in cash at the start of the first semester. A partial refund of £10 (providing the skeleton is returned in good condition) will take place at the start of the next academic year
- Subscription to the Disclosure and Barring update service is a requirement. At the time of writing [academic year 2017-18] the initial DBS application cost is £64 and costs £13 per subsequent year which you pay online at the start of each academic year.
- Various vaccinations must be completed before you undertake your first Practice Experience module. These are required to protect you, your family and your patients from infections and/ or diseases that you may be exposed to whilst working as a student health professional. Obtaining these vaccinations

and evidence of their completion is your responsibility and may be completed with your GP who will charge for these services. You are advised to check as the cost and feasibility of receiving these vaccinations at your GP practice. If you are unable to obtain vaccinations via your GP we will be able to arrange for you to receive them at the University but you should be aware that you will be responsible for the cost incurred. Occupational Health screening costs will be met by the School.

- You will be required to purchase an approved uniform to be worn for your Practice Experience modules [and for some examinations]. The School will arrange for these uniforms to be supplied for the whole cohort and so ensure a competitive cost.

You will usually undertake a minimum of 1,000 hours of practice experience before graduating. Typical hours will be around 37 hours per week on practice experience modules. During the first year approximately three and a half weeks are spent in the practice environment with approximately nine weeks in each of the second and third years and thirteen weeks in year four of the programme. Practice experience opportunities are allocated based on availability and your clinical experience profile. You may be required to travel distances to complete their practice experience and may prefer, therefore, to source accommodation for that time.

Variable costs associated with Practice Experience:-

- There are some associated costs with attending practice experience modules related to both travel expenses and accommodation. At the time of writing [academic year 2017-18] these costs are met by the NHS. We are awaiting communication from the Department of Health in regards to future funding arrangements which we are advised are likely to be reviewed on an annual basis.
- Many students continue to fund their own university/ private accommodation whilst accessing additional accommodation for less local practice experience settings.
- Claim forms for travel costs must be submitted within six months from last day of the placement to be eligible for reimbursement.

Should you choose to undertake an elective placement abroad or beyond the usual geographical placement area for the programme, this may incur additional travel, health and liability insurance costs which must be paid for by you.

Optional costs: You are also encouraged to purchase your own stethoscope to help support your studies at the start of the programme in the first year.

As to be expected there will be additional costs for inter-library loans and potential overdue library fines, print and graduation.

These costs have been forecast by the University as accurately as possible but may be subject to change as a result of factors outside of our control (for example, increase in costs for external services). Forecast costs are reviewed on an annual basis to ensure they remain representative. Where additional costs are in direct control of the University we will ensure increases do not exceed 5%.

19. Quality management and enhancement

The quality and standards of learning in Physiotherapy are subject to a continuous process of monitoring, review and enhancement.

- The Learning and Teaching Committee of the School of Health & Rehabilitation is responsible for reviewing and monitoring quality management and enhancement procedures and activities across the School.
- The Programme Monitoring Committee manages the organisation and development of the course, ensures the maintenance and enhancement of quality and standards of the MSci Physiotherapy programme and contributes to the programme review process.
- Individual modules and the Physiotherapy Programme as a whole are reviewed and enhanced every year in the annual programme review which takes place at the end of the academic year and as part of the University's Curriculum Annual Review and Development (CARD) process.

- The programmes are run in accordance with the University's Quality Assurance procedures and are subject to periodic reviews under the Internal Quality Audit (IQA) process.
- The programme is subject to annual monitoring by the HCPC and CSP.

Student evaluation of, and feedback on, the quality of learning on every Physiotherapy module takes place every year using a variety of different methods:

- The results of student evaluations of all modules are reported to module leaders and reviewed by the Programme Committee as part of the Curriculum Annual Review and Development (CARD) process.
- Findings related to the Physiotherapy Programmes from the annual National Student Survey (NSS), and from regular surveys of the student experience conducted by the University, are subjected to careful analysis and a planned response at programme and School level.
- Feedback received from representatives of students in all years of the Physiotherapy Programme is considered and acted on at regular meetings of the Student Staff Voice Committee.

The University appoints senior members of academic staff from other universities to act as external examiners on all programmes. The Programme assessment process for Physiotherapy is monitored by two External Examiners who are, and will continue to be, drawn from the appropriate part of the HCPC register. They are responsible for:

- Approving examination questions
- Confirming all marks which contribute to a student's degree
- Reviewing and giving advice on the structure and content of the programme and assessment procedures

Information about current external examiner(s) can be found here:

<http://www.keele.ac.uk/qa/externalexaminers/currentexternalexaminers/>

20. The principles of programme design

The MSci Physiotherapy Programme described in this document has been drawn up with reference to, and in accordance with the guidance set out in, the following documents:

- a. UK Quality Code for Higher Education, Quality Assurance Agency for Higher Education: <http://www.qaa.ac.uk/quality-code>
- b. Keele University Regulations and Guidance for Students and Staff: <http://www.keele.ac.uk/regulations>
- c. A Disabled persons Guide to becoming a Health Professional, Health and Care Professions Council 2007
- d. Academic and Practitioner Standards in Physiotherapy, Quality Assurance Agency for Higher Education, 2001.
- e. Benner P (2001) From novice to expert: Excellence and power in clinical nursing practice. Prentice Hall NJ
- f. Benner P (2009) Expertise in nursing practice: caring, clinical judgment and ethics. Springer Pub Co New York
- g. Career Framework for Health Descriptors, Skills for Health 2010
- h. Chartered Society of Physiotherapy Code for professional values and behaviour (2011) <http://www.csp.org.uk/publications/code-members-professional-values-behaviour>
- i. Delivering the Forward View: NHS Planning Guidance 2016/17 – 2020/21, NHS England 2015
- j. Five Year Forward View, NHS England, October 2014
- k. Health and Social Care Act (2012), Department of Health

- l. Health and Social Care (Safety and Quality) Act 2015, Department of Health
- m. Learning and Development Principles for CSP Accreditation of Qualifying Programmes in Physiotherapy (2010), Chartered Society of Physiotherapy
- n. Quality Assurance Standards (2012), Chartered Society of Physiotherapy
- o. Standards of Conduct, Performance and Ethics (2016) Health and Care Professions Council <http://www.hpc-uk.org/registrants/standards/download/index.asp?id=38>
- p. Standards of Education and Training, Health and Care Professions Council (2017) <http://www.hpc-uk.org/aboutregistration/standards/sets/>
- q. Standards of Proficiency, Health and Care Professions Council (2013) <http://www.hpc-uk.org/publications/standards/index.asp?id=49>
- r. The Equality Act 2010
- s. World Report On Disability, World Health Organisation 2011

21. Document Version History

Date of first approved version (v1.0): 19th November 2018

Revision history

Version number ¹	Author	Date	Summary of and rationale for changes

¹ 1.1, 1.2 etc. are used for minor changes and 2.0, 3.0 etc. for major changes (as defined in the University's Guidance on processes supporting curriculum changes)

Annex A

MSci Physiotherapy with International Year

International Year Programme

Students registered for Single Honours Physiotherapy may either be admitted for or apply to transfer during their period of study at Level 5 to the Single Honours 'Physiotherapy with International Year'. Students accepted onto this programme will have an extra year of study (the International Year) at an international partner institution after they have completed Year 2 (Level 5) at Keele.

Students who successfully complete both the second year (Level 5) and the International Year will be permitted to progress to Level 6. Students who fail to satisfy the examiners in respect of the International Year will normally revert to the Physiotherapy programme and progress to Level 6 on that basis. The failure will be recorded on the student's final transcript.

Study at Level 4, Level 5 and Level 6 will be as per the main body of this document. The additional detail contained in this annex will pertain solely to students registered for 'Physiotherapy with International Year'.

International Year Programme Aims

In addition to the programme aims specified in the main body of this document, the international year programme of study aims to provide students with:

1. Personal development as a student and a researcher with an appreciation of the international dimension of their subject
2. Experience of a different culture, academically, professionally and socially

Entry Requirements for the International Year

Students may apply to the 4-year programme during Level 5. Admission to the International Year is subject to successful application, interview and references from appropriate staff.

The criteria to be applied are:

- Academic Performance (an average of 60% across all modules at Level 5 is normally required)
- General Aptitude (to be demonstrated by application for study abroad, interview during the 2nd semester of year 2 (Level 5), and by recommendation of the student's personal tutor, 1st and 2nd year tutors and programme director)

Student Support

Students will be supported whilst on the International Year via the following methods:

- Phone or Skype conversations with Study Abroad tutor, in line with recommended Personal Tutoring meeting points.
- Support from the University's Global Education Team

Learning Outcomes

In addition to the learning outcomes specified in the main text of the Programme Specification, students who complete a Keele undergraduate programme with International Year will be able to:

- i) Describe, discuss and reflect upon the cultural and international differences and similarities of different learning environments
- ii) Discuss the benefits and challenges of global citizenship and internationalisation
- iii) Explain how their perspective on their academic discipline has been influenced by locating it within an international setting.

In addition, students who complete 'Physiotherapy with International Year' will be able to:

- iv) Design, plan and document a reflective diary systematically summarising the differences in education and healthcare systems (with particular reference to physiotherapy services) between the UK and the country of study.
- v) Critically reflect on the data collected within the reflective diary
- vi) Prioritise and synthesise the data to create a summative portfolio critically reflecting on their experiences studying at an international partner institution with reference to how this experience may impact upon future career choices.

These learning outcomes will all be assessed by the submission of a satisfactory individual learning agreement, the successful completion of assessments at the partner institution and the submission of the reflective portfolio element of the international year module.

Course Regulations

Students registered for the 'Physiotherapy with International Year' are subject to the course specific regulations (if any) and the University regulations. In addition, during the International Year, the following regulations will apply:

Students undertaking the International Year must complete 120 credits, which must comprise *at least 40%* in the student's discipline area.

This may impact on your choice of modules to study, for example you will have to choose certain modules to ensure you have the discipline specific credits required.

Students are barred from studying any Physiotherapy module with significant overlap to Level 6 modules to be studied on their return. Significant overlap with Level 5 modules previously studied should also be avoided.

Additional costs for the International Year

Tuition fees for students on the International Year will be charged at 15% of the annual tuition fees for that year of study, as set out in Section 1. The International Year can be included in your Student Finance allocation, to find out more about your personal eligibility see: www.gov.uk

Students will have to bear the costs of travelling to and from their destination university, accommodation, food and personal costs. Depending on the destination they are studying at additional costs may include visas, study permits, residence permits, and compulsory health checks. Students should expect the total costs of studying abroad be greater than if they study in the UK, information is made available from the Global Education Team throughout the process, as costs will vary depending on destination.

Students studying in Erasmus+ destinations may be eligible for grants as part of this programme. Students studying outside of this programme may be eligible income dependent bursaries at Keele.

Students travel on a comprehensive Keele University insurance plan, for which there are currently no additional charges. Some Governments and/or universities require additional compulsory health coverage plans; costs for this will be advised during the application process.

Annex B. Mapping of CSP Physiotherapy Framework Elements and Domains across the MSc Physiotherapy Programme

Element & Domain	Year 1									Year 2								Year 3							Year 4														
	APMS	APMS	APMS	HWB	PAM	PEC	PR	FP	PE1	PPMSK	PPCVR	PPNeuro	IP2	PP2a	EBHR	IEP	PS	PE2b	PE3a	L&THC	PMC	EH	PE3b	HBC	CMFT	PR	IP3	PE4a	EPMSK	EPCLR	EPNeuro	PE4b	RSF	RP	L&MHP	PE4c			
PT Values	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Knowledge & understanding	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Political Awareness						✓			✓				✓	✓					✓	✓								✓	✓				✓			✓	✓	✓	
Self-awareness						✓			✓										✓	✓				✓				✓	✓				✓					✓	
PT practice skills	✓		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Generic behaviours for interacting & communicating	✓		✓		✓	✓		✓	✓					✓					✓	✓				✓				✓	✓					✓					✓
Helping others learn & develop				✓																	✓				✓			✓									✓		
Managing self & others						✓			✓				✓	✓					✓	✓	✓		✓	✓		✓		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
Promoting integration & teamwork						✓			✓				✓	✓					✓	✓	✓		✓		✓		✓	✓			✓				✓			✓	✓

Annex B. Mapping of CSP Physiotherapy Framework Elements and Domains across the MSci Physiotherapy Programme

Key to Abbreviations:

YEAR 1		YEAR 2	
APMS	Anatomy, Physiology & Movement Science (MSci)(includes MSK and CVR & Neuro)	PP MSK	Physiotherapy Practice: Musculoskeletal (MSci)
AAPMS	Applied Anatomy, Physiology and Movement Science (MSci/ BSc RES)	PP CVR	Physiotherapy Practice: Cardiovascular & Respiratory (MSci)
HWB	Health & Well Being (MSci/ BSc RS)	PP Neuro	Physiotherapy Practice: Neurology (MSci)
PAM	Principles of Assessment & Measurement (MSci/ BSc RES)	IPE 2	Inter-professional Education
PEC	Professionalism and Effective Communication (MSci/ BSc RES)	PE2a	Practice Experience 2a
PR	Principles of Rehabilitation (MSci/ BSc RES)	EBHR	Evidence Based Health & Rehabilitation (MSci/ BSc RES)
FPP	Fundamentals of Physiotherapy Practice (MSci)	IEP	Implementing Evidence into Practice
PE1	Practice Experience 1 (MSci)	PSP	Practice in Specific Populations (MSci)
		PE2b	Practice Experience 2b
YEAR 3		YEAR 4	
PE3a	Practice Experience 3a	PE4a	Practice Experience 4a
L&T HC	Learning and Teaching in Healthcare	EP MSK	Enhancing Practice: MSK
PMCP	Physiotherapy Management of the Complex Patient (MSci)	EP CVR	Enhancing Practice: CVR
EH	Evaluating Healthcare Services	EP Neuro	Enhancing Practice: Neurology
PE3b	Practice Experience 3b	PE4b	Practice Experience 4b
HBC	Health Behaviour Change (MSci)	RSF	Research Skills and Funding
CMFT	Caseload Management of Frailty, Trauma and Long Term Conditions	RP	Research Project (Level 7)
PR	Planning Research	L&M HP	Leadership and Management for Healthcare Professionals
IPE 3	interprofessional Education 3	PE4c	Practice Experience 4c

Annex C: MSci Physiotherapy Graduate Attributes

Element & Domain	Year 1								Year 2								Year 3						Year 4													
	A P M S	A P M S	H B	P A M	P E C	P R	F P	P E 1	P M S K	P P C V R	P P N e u r	I P E 2	P P 2 a	E B H R	I E P	P S P	P E 2 b	P E 3 a	L & T H C	P M C P	E H S	P E 3 b	H B C	C M O F T	P R	P E 4 a	E P M S K	E P C V R	E P N e u r	P E 4 b	R S F	R P	L & M H P	P E 4 c		
1				✓				✓					✓		✓		✓		✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓		✓	
2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓				✓	✓				✓					✓					✓				✓
3				✓				✓					✓	✓	✓		✓	✓			✓	✓			✓	✓				✓	✓	✓		✓		
4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5					✓			✓				✓	✓				✓	✓		✓		✓			✓					✓				✓	✓	
6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8								✓					✓				✓	✓				✓				✓					✓				✓	
9					✓			✓				✓	✓				✓	✓	✓			✓				✓					✓				✓	✓

Annex C: MSci Physiotherapy Graduate Attributes

10					✓			✓					✓				✓	✓		✓		✓		✓					✓							✓
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Key to Abbreviations:

1	Opening and questioning approach to ideas, demonstrating curiosity, independence of thought and the ability to appreciate a range of perspectives on the natural and social worlds
2	Appreciation of the development and value of your chosen subjects of study, awareness of their contexts, the links between them, and awareness of the provisional and dynamic nature of knowledge
3	Information literacy: the ability to locate, evaluate and synthesise large amounts of frequently conflicting information, ideas and data
4	Ability creatively to solve problems using a range of different approaches and techniques, and to determine which techniques are appropriate for the issue at hand
5	Appreciation of the social, environmental and global implications of your studies and other activities, including recognition of any ethical implications
6	Ability to communicate clearly and effectively in written and verbal forms for different purposes and to a variety of audiences.
7	Knowledge, skills, self-confidence and self-awareness actively to pursue your future goals.
8	Ability and motivation to participate responsibly and collaboratively as an active citizen in the communities in which you live and work
9	Professional and reflective approach, including qualities of leadership, responsibility, personal integrity, empathy, care and respect for others, accountability and self-regulation
10	Flexibility to thrive in rapidly changing and uncertain external environments and to update skills and knowledge as circumstances require

Annex C: MSci Physiotherapy Graduate Attributes

YEAR 1		YEAR 2	
APMS	Anatomy, Physiology & Movement Science (MSci) (includes MSK and CVR & Neuro)	PP MSK	Physiotherapy Practice: Musculoskeletal (MSci)
AAPMS	Applied Anatomy, Physiology and Movement Science (MSci/ BSc RES)	PP CVR	Physiotherapy Practice: Cardiovascular & Respiratory (MSci)
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PAM	Principles of Assessment & Measurement (MSci/ BSc RES)	IPE 2	Inter-professional Education
PEC	Professionalism and Effective Communication (MSci/ BSc RES)	PE2a	Practice Experience 2a
PR	Principles of Rehabilitation (MSci/ BSc RES)	EBHR	Evidence Based Health & Rehabilitation (MSci/ BSc RES)
FPP	Fundamentals of Physiotherapy Practice (MSci)	IEP	Implementing Evidence into Practice
PE1	Practice Experience 1 (MSci)	PSP	Practice in Specific Populations (MSci)
		PE2b	Practice Experience 2b
YEAR 3		YEAR 4	
PE3a	Practice Experience 3a	PE4a	Practice Experience 4a
L&T HC	Learning and Teaching in Healthcare	EP MSK	Enhancing Practice: MSK
PMCP	Physiotherapy Management of the Complex Patient (MSci)	EP CVR	Enhancing Practice: CVR
EH	Evaluating Healthcare Services	EP Neuro	Enhancing Practice: Neurology
PE3b	Practice Experience 3b	PE4b	Practice Experience 4b
HBC	Health Behaviour Change (MSci)	RSF	Research Skills and Funding
CMFT	Caseload Management of Frailty, Trauma and Long Term Conditions	RP	Research Project (Level 7)
PR	Planning Research	L&M HP	Leadership and Management for Healthcare Professionals
		PE4c	Practice Experience 4c

Annex D: MSci PHYSIOTHERAPY: ASSESSMENT OVERVIEW

YEAR 1 MODULES	ASSESSMENT TYPE													
	IPA	MCQ	Oral Exam	Web PA	Essay	Criterion Referenced	Online KLE Test	Reflection	Report	Seen Exam	Research Proposal	Poster presentation with questions	Research Project	Presentation
Anatomy, Physiology & Movement Science MSk (MSci)		✓	✓											
Anatomy, Physiology & Movement Science N CVR (MSci)		✓	✓											
Applied Anatomy, Physiology and Movement Science (MSci/BSc RES)	✓													
Health & Well Being (MSci/ BSc RES)									✓					
Practice Experience 1 (MSci)						✓								
Principles of Rehabilitation (MSci/ BSc RES)					✓									
Principles of Assessment & Measurement (MSci/ BSc RES)							✓							
Professionalism and Effective Communication (MSci/ BSc RES)				✓				✓						
Fundamentals of Physiotherapy Practice FPP (MSci)	✓													
YEAR 2 MODULES														
Physiotherapy Practice: Musculoskeletal (MSci)	✓													

Annex D: MSci PHYSIOTHERAPY: ASSESSMENT OVERVIEW

Physiotherapy Practice: Neurology (MSci)	✓													
Physiotherapy Practice: CVR (MSci)	✓													
Evidence Based Health & Rehabilitation (MSci)							✓		✓					
Implementing Evidence into Practice												✓		
Practice in Specific Populations (MSci)			✓											
Practice Experience 2a						✓								
Practice Experience 2b						✓								
YEAR 3 MODULES														
Practice Experience 3a						✓								
Learning and Teaching in Healthcare				✓					✓					
Physiotherapy Management of the Complex Patient (MSci)			✓											
Evaluating Healthcare Services									✓					
Practice Experience 3b						✓								
Health Behaviour Change (MSci)					✓									
Caseload Management of Frailty, Trauma and Long Term Conditions			✓											
Planning Research											✓			
Interprofessional Education 3								✓						

Annex D: MSci PHYSIOTHERAPY: ASSESSMENT OVERVIEW

YEAR 4 MODULES														
Practice Experience 4a						✓		✓						
Enhanced Practice Musculoskeletal					✓									
Enhanced Practice Cardio-Vascular Respiratory			✓											
Enhanced Practice Neurology			✓											
Research Skills and Funding			✓						✓					
Practice Experience 4b					✓ or	✓								✓ or
Leadership and Management for Healthcare Professionals								✓	✓					
Practice Experience 4c			✓			✓								
Research Project (Level 7)													✓	