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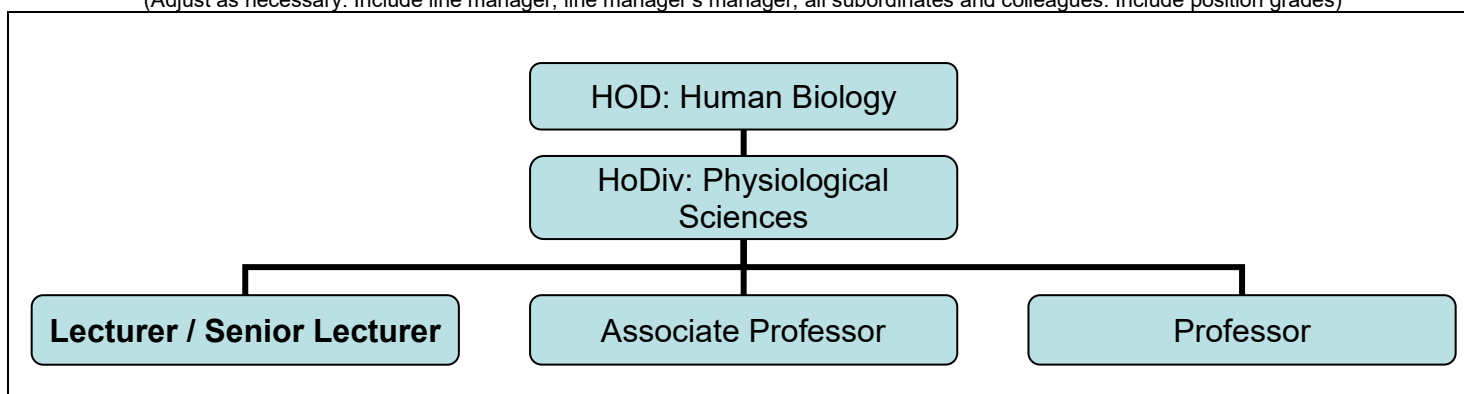
- Forms must be downloaded from the UCT website: <http://forms.uct.ac.za/forms.htm>
- This form serves as a template for the writing of position descriptions.
- A copy of this form is kept by the line manager and the position holder.

POSITION DETAILS

Position title	Lecturer/Senior Lecturer: Biokinetics and Physiology		
Job title (HR Practitioner to provide)	Lecturer/ Senior Lecturer		
Position grade (if known)	Lecturer/ Senior Lecturer	Date last graded (if known)	N/A
Academic faculty / PASS department	Health Sciences		
Academic department / PASS unit	Human Biology		
Division / section	Physiological Sciences		
Date of compilation	20 August 2021		

ORGANOGRAM

(Adjust as necessary. Include line manager, line manager's manager, all subordinates and colleagues. Include position grades)



PURPOSE

The main purpose of this position is to **teach and conduct research** in the clinical and non-clinical fields of Biokinetics, Exercise science and Applied human physiology. To achieve this the incumbent will be required to:

- Lecture to, lead tutorials/practicals and assess undergraduate Biokinetics, Health and Rehabilitation Science, Medical and Science students, as well Honours and other postgraduate students on topics related to the fields noted above.
- Assist with the curriculum development and implementation of a new 4-year professional degree in Biokinetics.
- Train and supervise postgraduate students in the fields noted above.
- Conceptualize, fund, lead and execute collaborative research studies in the fields noted above.

In addition to these core teaching and research responsibilities, the incumbent will have important roles in both **Leadership & management** as well as **Social responsiveness**.

The full details of these roles are described below.

CONTENT

Key performance areas		% of time spent	Inputs (Responsibilities / activities / processes/ methods used)	Outputs (Expected results)
E.g.	General and office administration	25%	<p>Takes, types up and distributes minutes and agendas for monthly departmental meeting.</p> <p>Greets visitors, enquires as to the nature of their visit and directs them to the appropriate staff member.</p>	<p>All staff members receive an electronic copy of accurate minutes and agendas, in the departmental template/format, a week before the meeting.</p> <p>Visitors are directed to appropriate staff member in a professional and efficient manner.</p>
1	Teaching and learning	50%	<p>Teaching and assessment: Conceptualise, prepare and deliver lectures, tutorials and practical experiments for undergraduate and postgraduate Biokinetics, Health and Rehabilitation Science, Medical and Science students in the following topics: <u>General topics:</u> General physiology Applied human physiology Exercise physiology and exercise science Exercise and sports performance testing and assessment techniques <u>Specialised Biokinetics topics:</u> Basic and applied biomechanics Human motor development and control Exercise testing and prescription High performance training Musculoskeletal injuries and conditions Chronic disease Clinical practice in Biokinetics Clinical skills – assessment and exercise prescription in special populations</p> <p>Assess these students through designing, setting and marking assignments, tests, examinations, case studies, patient simulation and clinical panel examinations in line with module or course learning objectives.</p> <p>Curriculum development: Contribute significantly to the curriculum development and integration of a new 4-year professional degree in Biokinetics</p> <p>Postgraduate supervision: Train and supervise postgraduate students (MSc and PhD levels) in research projects related to Biokinetics, Exercise Science and Applied Human Physiology</p>	<ul style="list-style-type: none"> • Through the use of sound innovative methods and approaches, promotes discipline-related understanding and skills, a desire to learn more, as well as enables student personal growth and academic development. • Effective implementation of a new four-year professional degree in Biokinetics. • Graduation of well-trained Masters and Doctoral level students in the fields of Biokinetics, Exercise Science and Applied human physiology

2	Research	30%	<ul style="list-style-type: none"> • Conceptualize, lead, manage and execute research studies in Biokinetics, Exercise Science or Applied human physiology • Develop / expand local and international research collaborations • Raise research funding by applying for grants from national and international funding bodies • Regularly publish scientific articles in reputable peer-reviewed journals. • Attend appropriate local and international conferences to present latest research 	<ul style="list-style-type: none"> • Establish own sustainable research programme at UCT • Contribute towards the research publication output of UCT. • Increase UCT's research visibility at local and international conferences.
3	Leadership and management	15%	<ul style="list-style-type: none"> • Perform teaching- and research-related leadership and management functions at the Divisional, Departmental, Faculty and University level, as required (i.e. convene courses, manage research team, manage funding for research, monitor operational expenses, write progress reports, serve on committees etc). • Manage Biokinetics laboratory and associated equipment as professional-grade practical teaching and research facility (maintenance, training, scheduling, cost-recovery) • Assist with planning and implementation of the 4-year professional Biokinetic degree • Assist with Biokinetics course HPCSA accreditation 	<ul style="list-style-type: none"> • To share responsibility and contribute to the smooth functioning of the Division of Physiological Sciences and the Department of Human Biology by leading/managing the undergraduate and postgraduate courses/students/ or projects/teams assigned to the incumbent by the heads of Division and Department. • Effective implementation of the 4-year professional Biokinetics degree • Biokinetics training compliance with the HPCSA
4	Social responsiveness	5%	<ul style="list-style-type: none"> • Provision of Biokinetics-related clinical or professional services • Engage with Biokinetics professional bodies • Participate in community outreach initiatives such as job shadow, career pathway programmes or educational sessions • Translate and promote awareness of relevant research in the community for public benefit 	<ul style="list-style-type: none"> • To improve visibility of the Biokinetics profession outside of academia • To facilitate transfer of academic knowledge to the Biokinetics profession • To create interest among learners to study Biokinetics • To ensure research generated in the fields of Biokinetics, Exercise science and Applied human physiology positively impacts the health of public citizens.

MINIMUM REQUIREMENTS

Minimum qualifications	<p>At Lecturer level:</p> <ul style="list-style-type: none"> • Biokinetics Degree (NQF8) • MSc degree in Biokinetics, Exercise Science, Physiology or related field in the Biological Sciences or Health Sciences. <p>At Senior Lecturer level:</p> <ul style="list-style-type: none"> • Biokinetics Degree (NQF8) • PhD degree in Biokinetics, Exercise Science, Physiology or related field in the Biological Sciences or Health Sciences. 			
Minimum experience (type and years)	<p>At Lecturer level:</p> <ul style="list-style-type: none"> • Current and minimum of three years' registration as an independent biokineticist with the Health Professions Council (HPCSA). • Two years' experience in teaching biokinetics and general physiology. • A developing track record in research outputs. • Evidence of having co-supervised postgraduate students <p>At Senior Lecturer level:</p> <ul style="list-style-type: none"> • Current and minimum of three years' registration as an independent biokineticist with the Health Professions Council (HPCSA). • Three years' experience in teaching biokinetics and general physiology to undergraduate and postgraduate students. • A track record of peer-reviewed publications and conference participation. • Evidence of having applied for research funding to support research activities. • A record of supervision of postgraduate students (Masters or Doctoral level). • Experience in management (of staff, research studies and /or laboratories). 			
Skills	As above			
Knowledge	As above			
Professional registration or license requirements	HPCSA (Biokinetics)			
Other requirements (If the position requires the handling of cash or finances, other requirements must include 'Honesty to handle cash or finances'.)	n/a			
Competencies (Refer to UCT Competency Framework)	Competence	Level	Competence	Level
	Building interpersonal relationships	2	Analytical thinking/problem solving	2
	Student service and support	2	Communication	2
	Planning and organizing/work management	2	Teamwork / collaboration	2
	Developing others	2	Formal presentation	2
	Professional knowledge and skill	2	Conceptual thinking	2
	Continuous learning	2	Creativity and innovation	2
	Stress tolerance	2	University awareness	2

SCOPE OF RESPONSIBILITY

Functions responsible for	<ul style="list-style-type: none"> • Teach on delegated courses. • Supervise/co-supervise post-graduate (Honours, Masters and Doctoral) students • Convene delegate undergraduate and postgraduate courses. • Conduct research and establish collaborative research programme • Raise research funding • Perform delegated leadership, management and administrative functions • Translate research findings for public benefit
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Amount and kind of supervision received	<ul style="list-style-type: none"> Guidance and mentoring is received from the Head of Department and Head of Division.
Amount and kind of supervision exercised	<ul style="list-style-type: none"> Effective management and supervision of individuals or groups in which the incumbent functions as a leader at Divisional, Departmental, Faculty and University level. Full control of teaching and learning responsibilities that have been delegated to the incumbent.
Decisions which can be made	<ul style="list-style-type: none"> Review and continued development of lectures and courses that the incumbent convenes. Review and continued development of programmes in which the incumbent is involved and/or responsible for the management and administration.
Decisions which must be referred	<ul style="list-style-type: none"> Anything not delegated or beyond the scope of responsibility.

CONTACTS AND RELATIONSHIPS

Internal to UCT	Members in the Division of Physiological Sciences, Department of Human Biology, Faculty of Health Sciences and the University.
External to UCT	Biokinetics Association of South Africa, HPCSA