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## POSITION DESCRIPTION

# Lecturer in Biomechanics

## Education focused

Faculty/Division

Classification Level

Hours & Span (Category)

Position number

Shiftwork status

Allowances

On call arrangements

Original document creation

Engineering

Academic B

ACADEMIC POSITION NO SPAN

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NOT SHIFTWORKER

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30 September 2024

### Position Summary

UNSW's Education Focussed roles (EF) enable academics to specialise in education and devote their time to delivering high-quality teaching and pursuing initiatives to enhance the educational experience of our students. Those who are appointed to this prestigious specialism will be expected to successfully drive educational excellence within the university's teaching and learning communities.

The role of Lecturer reports to the Deputy Head of School (Academic) (currently A/Prof Lauren Kark) and has no direct reports.

### Accountabilities

Specific accountabilities for this role include:

- Demonstrate and continuously develop a well-defined teaching philosophy that inspires student learning.
- Conduct classes, assess student learning achievements and support students in postgraduate and undergraduate courses in line with UNSW policy.

- Design, develop and deliver learning activities, resources, assessments and feedback mechanisms for courses in biomedical engineering design and biomechanics, using a range of suitable approaches and learning environments.
- Collaborate with a multidisciplinary team to design, develop, and implement innovations in education
- Initiate the development of experimental approaches to teaching and learning with the support of more senior academics.
- Support learning progression with students as individuals (through such activities as one-to-one consultation) and as a cohort (through general course related advice) to achieve positive learning and employability outcomes for students.
- Manage course administration as Course Authority, including academic quality assurance.
- Maintain professional development in pedagogy, disciplinary knowledge and minimum professional accreditation requirements (where relevant).
- Make a positive contribution to School meetings and seminars and be a member of School/Faculty committees as required.
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
- Cooperate with all health & safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the psychosocial or physical health and safety of yourself or others.

### **Skills and Experience**

- A PhD in biomedical engineering or a related discipline with a focus on biomechanics and/or relevant work experience.
- Actively stays up to date with discipline knowledge and professional development.
- Demonstrated experience in teaching and learning design, development and delivery of biomedical engineering design, biomechanics and related areas at undergraduate and/or postgraduate level.
- Experience using and/or designing with educational technologies and online delivery methods.
- Evidence of teaching effectiveness and passion for educational excellence (e.g. relevant discipline-based curriculum design and development at a variety of levels and scales).
- Demonstrated knowledge of industry or experience of work-integrated learning (desirable).
- Evidence of highly developed interpersonal and organisational skills.
- Evidence of ability to support and inspire students from diverse backgrounds and support student equity, diversity and inclusion initiatives.
- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.

- Knowledge of health & safety (psychosocial and physical) responsibilities and commitment to attending relevant health and safety training.

### **Pre-Employment checks required for this Position**

- Verification of qualifications

#### **About this document**

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.