

Senior Lecturer - Mathematics & Data Science
Monash University

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Posted Apr. 2, 2025, set to expire Aug. 31, 2025

Job Title Senior Lecturer - Mathematics & Data Science
Department School of Science
Institution Monash University
Subang Jaya, , Malaysia

Date Posted Apr. 2, 2025

Application Deadline Jul. 25, 2025

Position Start Date Available immediately

Job Categories Senior Lecturer

Academic Field(s) Mathematics/Applied Mathematics
Computer/Information Sciences

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Job Description

POSITION PURPOSE

A Level C academic is expected to make significant contributions to the teaching effort of a discipline, school, faculty, or other organisational unit or an interdisciplinary area. An academic at this level is also expected to play a major role in scholarship, research, and/or professional activities.

Specifically, a Level C academic staff should lead a research activity appropriate to the discipline, and maintain the highest standards of research ethics and integrity. The staff should also deliver a wide range of effective teaching and develop innovative ways to enhance the learning environment.

In addition to maintaining excellence in both research and teaching, an academic staff at this level is expected to provide support and contribute to academic leadership, mentoring junior colleagues,

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fostering research collaboration, and engaging with industry and interdisciplinary initiatives.

Reporting line: The position reports to Deputy Head of School (Education)

Supervisory responsibilities: Not applicable

Financial delegation and/or budget responsibilities: Not applicable

KEY RESPONSIBILITIES

1. Contribute to curriculum development, innovation, enhancement, and quality assurance in the undergraduate and postgraduate curriculum.
2. Develop and deliver innovative and excellent teaching, learning, and assessment experiences for undergraduate and postgraduate students.
3. Conduct high-quality research, maintaining an active record of publication and building a profile of grants and PhD student supervision.
4. Support the development and implementation of a research strategy for the School of Science consistent with the research priorities of Monash University Malaysia and Monash University.
5. Participate in collaborations with other universities and with government, industry, and/or civil society to drive research impact and educational excellence.
6. Support the management of education, research, and/or administration in the School through, for example, participation in committees.
7. Develop and deliver unit materials for mathematics and data science.

KEY SELECTION CRITERIA

Education/Qualifications

1. A doctoral qualification (PhD) or equivalent qualification in Applied Mathematics, Computational Mathematics, Statistics, or a closely related field with applications in Data Science.
2. Demonstrated experience in the development of curriculum content
3. A strong record of teaching which demonstrates a commitment to educational innovation.
4. An excellent research record, with a strong trajectory in publications, grants, and PhD/Masters/Honours supervision
5. Experience in working with partners in universities, government and/or civil society
6. Demonstrated skills and experience in collaboration and teamwork
7. Strong programming skills in Python, R, and MATLAB.

Contact Information

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Contact

Malaysia