**JOB DESCRIPTION**

Ref: A2629

<table>
<thead>
<tr>
<th><strong>Job Title</strong></th>
<th>Grade: 7, 8 (Lecturer) or 9 (Senior Lecturer)</th>
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<tr>
<td>Lecturer (Assistant Professor) or Senior Lecturer</td>
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<td>in Operational Research</td>
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<tr>
<th><strong>Department/College</strong></th>
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<tr>
<td>Department of Management Science, Lancaster</td>
<td>Lancaster University Management School</td>
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<th><strong>Directly responsible to</strong></th>
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<tr>
<td>Head of Department of Management Science</td>
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<th><strong>Supervisory responsibility for</strong></th>
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**Other contacts**

**Internal:** Colleagues within the Department of Management Science and the Management School (LUMS); students; colleagues in other faculties; providers of student support; central administration; Library.

**External:** Academic community, external examiners, research funding bodies, professional bodies, private, non-profit and public sector organizations.

**Major Duties:** (all grades):

- To contribute to existing undergraduate and postgraduate modules in the Department of Management Science through lecturing, tutorials, assessment etc.
- To develop a research programme relevant to the research agenda of the Department, particularly that of the Operational Research (OR) group which focuses on mathematical foundations of operational research and the application of OR in industry and society. (Part of the broader remit of Lancaster University’s Data Science Institute).
- To contribute to the development of the EPSRC-funded Statistics and Operational Research with Industry (STOR-i) Centre for Doctoral Training; and undertake PhD supervision (joint supervision at Grade 7);
- To contribute where appropriate to non-departmental modules and programmes e.g. teaching on undergraduate consortial programmes, supervision at all levels including BBA placement students, teaching on postgraduate consortial programmes including the MBAs.
- To help develop, where appropriate, revisions to existing modules or new modules, in terms of content, structure, forms of delivery, methods of assessment, etc.
- Engage in collaborative work with external organisations.
- To undertake any other duties (including administrative and outreach duties) as may be directed by the Head of Department of Management Science, provided these are appropriate to the grade of the post

For appointment at Grade 7 (Lecturer) candidates should:

- show potential to develop a record of publications in high quality, refereed journals;
- be able to pursue their own independent research programme;
- show potential to obtain external research funding;
- show potential to develop competence in teaching;
- be willing to develop supervision skills through joint supervision of research students.
For appointment at Grade 8 (Lecturer) candidates should:
- have acquired a record of publications in high quality, refereed journals;
- be able to pursue their own independent research programme;
- demonstrate a record of or potential to obtain external research funding;
- demonstrate competence in teaching;
- be willing to supervise research students.

For appointment at Grade 9 (Senior Lecturer) candidates should:
- have a substantial record of publications, namely articles in refereed, high quality journals
- have experience of active participation (presenting papers; organising panels) in academic conferences
- have evidence of ability to work, individually or jointly, to formulate research proposals and make applications for research funding;
- have other evidence of esteem indicators such as invitations to examine doctoral theses, address national or international conferences, review journal articles and/or research applications, serve on committees of professional bodies or act as a consultant to external organisations;
- have a record of competent teaching as evidenced, for example, by a teaching profile, peer observation, and student feedback;
- be capable of successful innovation in teaching methods and assessment, or leadership of departmental initiatives to improve teaching;
- be capable of authorship of relevant teaching materials;
- be capable of playing a significant role in teaching activities outside the University, for example as an assessor or external examiner;
- be capable of successfully taking a leading administrative role within the Department.