## Purpose of role

The role is to advance research and support teaching in Biotechnology within the School of Biosciences. The new division of Microbiology, Brewing and Biotechnology (MBB) is the focus for teaching of UG and PGT courses in Biotechnology that are showing strong year on year increases in recruitment. The new member of staff will be sited within MBB, and expected to develop externally funded research and deliver modular teaching within the Biotechnology course themes of Microbiology, Animal and Plant Sciences.

<table>
<thead>
<tr>
<th>Main responsibilities</th>
<th>% time per year</th>
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<tr>
<td><strong>Research:</strong></td>
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<tr>
<td>▪ To undertake original research in an area of Biotechnology.</td>
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<tr>
<td>▪ To publish research in high ranking peer-reviewed journals.</td>
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<tr>
<td>▪ To develop and manage a sustained portfolio of externally funded research, including industrial funding as appropriate.</td>
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<tr>
<td>▪ To produce research suitable for dissemination to conferences, workshops and meetings (both national and international).</td>
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<td>▪ To forge collaborations within and outside the University as appropriate.</td>
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<tr>
<td>▪ To encourage and work with other members of the Division/School/University on joint research activities, including research seminars.</td>
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<td>▪ To undertake research student supervision as required.</td>
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<tr>
<td>▪ To contribute fully to School research activities, including the provision of information required for the REF or similar activities.</td>
<td>45%</td>
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<tr>
<td><strong>Teaching</strong></td>
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<tr>
<td>▪ To prepare and deliver lectures, seminars/tutorials and practicals at undergraduate and postgraduate levels in the areas of biotechnology.</td>
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<tr>
<td>▪ To supervise undergraduate and postgraduate project students in the area of biotechnology and microbiology.</td>
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<td>▪ To participate in assessments for undergraduate and higher degrees and diplomas of the University.</td>
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<td>▪ To contribute to course and curriculum development and design, including course management (where appropriate).</td>
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<td>▪ To act as a personal tutor for both undergraduate and postgraduate students as required.</td>
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<tr>
<td>▪ To support and comply with the University and School teaching quality assurance standards and procedures, including the provision of such information as may be required for quality assurance and TEF.</td>
<td>45%</td>
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<tr>
<td><strong>Administration:</strong></td>
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<td>▪ 10%</td>
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To undertake administrative work/management functions and generally to assist with efficient and effective completion of the work of the School and the University. This may include participation in relevant committees and working groups.

To contribute to open days/visit days for recruitment of Biotechnology and Microbiology degree courses.

To take part in and contribute to staff development activities consistent with continuous professional development.

To ensure compliance with health and safety requirements in all aspects of work.

Any other duties appropriate to the grade and role of the person appointed.

Person specification

<table>
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<tr>
<th>Essential</th>
<th>Desirable</th>
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<tbody>
<tr>
<td><strong>Skills</strong></td>
<td><strong>Knowledge and experience</strong></td>
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<tr>
<td>▪ Proven ability to produce high quality research outputs in an area of Biotechnology.</td>
<td>▪ Evidence of high quality publications in academic journals in areas relevant to the School of Biosciences - as set out in Purpose of Role.</td>
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<tr>
<td>▪ Proven ability to teach at undergraduate and postgraduate levels in relevant subjects.</td>
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<tr>
<td>▪ Ability to carry out an independent research programme.</td>
<td>▪ Contribution to the delivery and/or administration of modular teaching at HE level.</td>
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<td>▪ Excellent communication and presentation skills.</td>
<td>▪ Participation in successful supervision of higher degree students.</td>
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<tr>
<td><strong>Qualifications, certification and training (relevant to role)</strong></td>
<td><strong>Other</strong></td>
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<tr>
<td>▪ PhD in a subject related to biotechnology.</td>
<td>▪ Ability to work to deadlines and prioritise tasks.</td>
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<td></td>
<td>▪ Ability to develop own research area and flexibility to collaborate with colleagues.</td>
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<td>▪ Ability to work within teams.</td>
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The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.
Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University’s strategy, vision and values. The following are essential to the role:

Valuing people
Understands that it is essential to provide a structure that people can thrive in. Knows how to communicate with people to create a healthy working environment and get the best out of people.

Taking ownership
Communicates vision clearly, providing direction and focus. Knows how to create a productive environment where people are inspired and can work cross-departmentally in partnership.

Forward thinking
Has the ambition to be a pioneer in own area, anticipating the future change, needs and challenges. Knows how to innovate within their work context and champions others to be inspired to be part of this ambition.

Professional pride
Keeps up to date on latest thinking, trends and work practices. Supports team to be thought leaders; willing to challenge if obstacles get in the way.

Always inclusive
Establishes far reaching partnerships, well beyond own area across a broad range of networks. Understand role to pay due regard to the needs of the whole community.

Key relationships with others

![Diagram showing relationships]

- **Line manager**
  - **MBB Head of Division**

- **Role holder**
  - **Assistant Professor of Biotechnology**

- **Key stakeholder relationships**
  - **Colleagues**
  - **Students**