Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

**Job Title:** Research Technician (Mass Spectrometry)  
**Department:** Biological Sciences

<table>
<thead>
<tr>
<th>Knowledge, Education, Qualifications and Training</th>
<th>Essential</th>
<th>Desirable</th>
<th>Tested by (Application form, Interview, Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc. Biochemistry / Biological Sciences</td>
<td>x</td>
<td></td>
<td>Application Form</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills and/or Abilities</th>
<th>Essential</th>
<th>Desirable</th>
<th>Tested by (Application form, Interview, Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good laboratory practise and QC protocols</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Multiple analytical platforms including LC-MS, HPLC, UPLC and GC-MS</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Experimental design</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Handling large datasets</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Workflow development</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Bioinformatics pipelines</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Standard statistics packages</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Maintenance of MS equipment</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Computer maintenance, networking and experience with Windows &amp; LINUX</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Experience</th>
<th>Essential</th>
<th>Desirable</th>
<th>Tested by (Application form, Interview, Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytical Biochemistry LC-MS/UPLC/HPLC/GC-MS</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Method development and trouble shooting</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Small molecule analysis</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Protein analysis</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other requirements</th>
<th>Essential</th>
<th>Desirable</th>
<th>Tested by (Application form, Interview, Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible approach</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Good communication skills</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Ability to work in a group</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>A team player</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Good written and presentation skills</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Excellent organisational and time management skills</td>
<td>x</td>
<td></td>
<td>Application Form / Interview</td>
</tr>
<tr>
<td>Out of hours work to meet deliverables</td>
<td>x</td>
<td></td>
<td>Interview</td>
</tr>
</tbody>
</table>