

## Research Scientist/Engineer Summary

The following information provides a summary description of work performed at each level of the Research Scientist/Engineer series. It is intended to serve as a generalized example of levels of work and not as text to be copied into position description forms. The required education should be in a scientific or engineering discipline or related field.

<u>Position Identifiers</u>	<u>Position Purpose</u>
<b>Research Scientist/Engineer Assistant</b> <b>Job code - 9691</b> <b>Grade 5</b> <b>Overtime Eligible</b>	<p>Training position, requiring scientific educational experience but little direct work experience. Performs assigned tasks under immediate supervision, applying standard scientific procedures and techniques based on pre-established guidelines or instructions.</p> <p><b>Minimum Qualifications:</b> BA and less than 1 year experience in related area</p>
<b>Research Scientist/Engineer 1</b> <b>Job code – 9692</b> <b>Grade 6</b> <b>Overtime Eligible</b>	<p>Entry level position within series (beyond training). Performs professional routine science or engineering work, responsible for evaluating, selecting and applying scientific techniques or procedures to assignments with clear and specific objectives. Assignments involve a limited number of variables or fewer complex features than assignments performed at more senior levels within series.</p> <p><b>Minimum Qualifications:</b> BA and up to 1 year of experience in related area</p>
<b>Research Scientist/Engineer 2</b> <b>Job code – 1493</b> <b>Grade 7</b> <b>Overtime Exempt</b>	<p>Intermediate level position (developing/maturing scientific professional). Position independently evaluates, selects and applies scientific techniques and procedures. Role relies on education and applicable job experience to exercise judgment and make minor adaptations and modifications to procedures or techniques in order to achieve optimal scientific data or results.</p> <p><b>Minimum Qualifications:</b> BA or MA and 2 – 4 years of related experience</p>
<b>Research Scientist/Engineer 3</b> <b>Job code – 1494</b> <b>Grade 8</b> <b>Overtime Exempt</b>	<p>Fully functional scientific professional. Position independently selects and applies techniques or procedures to assignments of moderate complexity, potentially involving conflicting design requirements, unavailability of materials or resources. Position seeks continual improvement of work practices, modifying or adapting as needed and developing extensions to existing methods and protocols.</p> <p><b>Minimum Qualifications:</b> BA or MA and 3 or more years of related experience</p>
<b>Research Scientist/Engineer 4</b> <b>Job code – 1495</b> <b>Grade 9</b> <b>Overtime Exempt</b>	<p>Fully competent and independent research professional. Plans and executes laboratory research independently on assigned projects. Makes independent judgments regarding application of scientific techniques/procedures and conducts work requiring substantial adaptation or modification. Devises new approaches to problems encountered and utilizes wide array of complex principles, theories and concepts. Project results may impact UW research mission and are visible/impactful in peer community.</p> <p><b>Minimum Qualifications:</b> MA or PhD and 4 or more years of related experience</p>
<b>Research Scientist/Engineer Senior</b> <b>Job code – 1496</b> <b>Grade 10</b> <b>Overtime Exempt</b>	<p>Senior, professional level scientist/engineer. Independently applies advanced scope of scientific knowledge and principles in planning and executing laboratory research. Represents research in conferences to resolve important issues, as well as plan and coordinate research. Work involves extremely complex problems of diverse scope where analysis requires evaluation of intangible variance factors. Acts as a technical lead or consultant on various projects.</p> <p><b>Minimum Qualifications:</b> PhD and 6 or more years of related experience</p>

<p><b>Research Scientist/Engineer Principal</b>  <b>Job code – 1497</b>  <b>Grade 11</b>  <b>Overtime Exempt</b></p>	<p>Has full technical responsibility for planning, organizing, executing and directing research projects. Manages research and development of activities between disciplines. Involves exploration of subject area, definition of scope, selection of problems for investigation and development of novel concepts and approaches. Research has substantial impact that extends current knowledge and understanding of scientific or engineering subject.</p> <p><b>Minimum Qualifications:</b> PhD and 6 or more years of related experience</p>
<p><b>Research Scientist/Engineer Sr. Principal</b>  <b>Job code – 1498</b>  <b>Grade 12</b>  <b>Overtime Exempt</b></p>	<p>This payroll title has the same responsibilities as those listed above, for job code 1497. The distinguishing features between this payroll title and the one above revolve around the size of the research project, the scope of the research and the notoriety of the research being investigated. Additionally individuals fulfilling this payroll title will often establish new scientific and technical directions resulting in new fields of study and extend these into new applications.</p> <p><b>Minimum Qualifications:</b> PhD and 6 or more years of related experience</p>