### Degree Level Expectations, Learning Outcomes, Indicators of Achievement and the Program Requirements that Support the Learning Outcomes

<table>
<thead>
<tr>
<th>Expectations</th>
<th>Learning Outcomes</th>
<th>Indicators of Achievement</th>
<th>Relevant Courses and academic requirements</th>
</tr>
</thead>
</table>
| Depth of breadth of knowledge| Students are required to demonstrate knowledge of statistical and research methods pertinent to the behavioural sciences.  
Students are required to demonstrate a foundational knowledge in the social, cognitive-affective, and biological bases of behaviour.  
Students are required to demonstrate expert knowledge in their area of research specialization. | Successful completion of graduate seminars in area of specialization.  
Successful completion of comprehensive examinations in relevant area (i.e., Brain, Behaviour, and Cognitive Science, or Clinical, or Developmental, or Social/Personality). | PSYC 999  
Participation in area pro-seminars/brownbag talks.  
Successful completion of additional courses in relevant area (i.e., Brain, Behaviour, and Cognitive Science, or Clinical, or Developmental, or Social/Personality) [please see Appendix]. |
| Research and scholarship     | Students are required to demonstrate proficiency in the design, execution, and analysis phases of research.  
Students are required to demonstrate proficiency in the presentation of research | Successful completion of the Doctoral thesis project.  
Participation in academic conferences in area of specialization. | PSYC 999  
Successful completion of additional courses in relevant area (i.e., Brain, Behaviour, and Cognitive Science, or Clinical, or Developmental, or Social/Personality) [please see Appendix]. |
| Professional capacity/autonomy | Students are required to demonstrate some autonomy and independence in the design and execution of their novel research. Students are required to continue to develop a | Successful written and oral defense of the Doctoral thesis. Participation in professional development activities (e.g., professional conferences, workshops). | PSYC999 |
| Application of Knowledge | Students are required to apply their general and specific knowledge in psychology to the design and execution of a novel research project. Students are required to demonstrate an understanding of the implications of their and others’ research to advancement of science and/or the amelioration of human health. | Successful completion of the Doctoral thesis. Successful oral defense of the Doctoral thesis during which the student should discuss the implications of his/her research. | PSYC999 |

findings in oral and written forms.

Students are required to participate in the dissemination of research.

Students are capable of creating their own research program.

Appendix].
<table>
<thead>
<tr>
<th>Professional Identity</th>
<th>Communication Skills</th>
<th>Awareness of limits of knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students are required to adhere to the ethical standards for research and professional practice set by the Canadian Psychological Association and other regulatory bodies.</td>
<td>Students are required to demonstrate proficiency in the synthesis, analysis, and communication of their own and others' research and/or clinical findings. Students are required to demonstrate proficiency in the presentation of their own and others' research and/or clinical findings in oral and written forms.</td>
<td>Students are required to address gaps in knowledge through background reading and supervision.</td>
</tr>
<tr>
<td>Successful completion of coursework that requires assignments focusing on the written synthesis and the oral presentation of research and/or clinical findings.</td>
<td>Successful written Doctoral thesis. Successful oral defense of the Doctoral thesis. Presentation of research at conferences in poster and/or oral presentation format.</td>
<td>Successful annual report of student, in which gaps in knowledge and skill are addressed and remediation plans developed.</td>
</tr>
<tr>
<td>PSYC999</td>
<td>PSYC999</td>
<td>PSYC999</td>
</tr>
<tr>
<td>Students are required to effectively use supervision to improve their research and/or clinical skills.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Appendix – Ph.D. Courses Supporting Degree Level Expectations

Brain, Behaviour, and Cognitive Science Area

RESEARCH REQUIREMENTS
Psyc999

OTHER REQUIRED COURSES for 2 YEARS
Either Psyc811*, Psyc812*, Psyc907*, or Psyc908*

Clinical Area

RESEARCH REQUIREMENTS
Psyc999

OTHER REQUIRED COURSES
Psyc910*, Psyc957*/974*, Psyc989*/990*, Psyc991*/992*, Psyc993*

Developmental Area

RESEARCH REQUIREMENTS
Psyc999

OTHER REQUIRED COURSES

Social/Personality Area

RESEARCH REQUIREMENTS
Psyc999

REQUIRED COURSES

1 Other courses may be offered and required that are not listed as explicitly supporting degree level expectations