# 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>
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</table>
| **Depth and 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. | Undergraduate, foundational coursework in Psychology.  
Successful completion of graduate coursework in univariate and multivariate statistics.  
Successful completion of graduate seminars in area of specialization. | PSYC 801*  
PSYC 802*  
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 findings in oral and written forms.  
Students are required to participate in the dissemination of research. | Successful completion of graduate coursework in univariate and multivariate statistics.  
Successful completion of the Master’s thesis project.  
Participation in academic conferences in area of specialization. | PSYC 801*  
PSYC 802*  
PSYC 899  
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]. |
| **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 | Successful completion of the Master’s thesis.  
Successful oral defense of the Master’s thesis during which the student should discuss the implications of his/her research. | PSYC 899 |
| 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 begin developing a professional identity as a psychological scientist and/or scientist-practitioner.  
Students are required to adhere to the ethical standards for research and professional practice set by the Canadian Psychological Association and other regulatory bodies. | Successful written and oral defense of the Master’s thesis.  
Participation in professional development activities (e.g., professional conferences, workshops).  
Successful completion of human and/or animal research ethics training. | PSYC 899  
CORE (Course on Research Ethics)/ QACS 799*/PSYC 829* |
| Communication Skills | 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. | Successful completion of coursework that requires assignments focusing on the written synthesis and the oral presentation of research and/or clinical findings.  
Successful written Master’s thesis.  
Successful oral defense of the Master’s thesis.  
Presentation of research at conferences in poster and/or oral presentation format. | PSYC 899 |
| Awareness of limits of knowledge | Students are required to address gaps in knowledge through background reading and supervision.  
Students are required to effectively use supervision to improve their research and/or clinical skills. | Successful annual report of student, in which gaps in knowledge and skill are addressed and remediation plans developed. | PSYC 899 |
# Appendix – M.Sc. Courses Supporting Degree Level Expectations

## Brain, Behaviour, and Cognitive Science Area

<table>
<thead>
<tr>
<th>RESEARCH REQUIREMENTS</th>
<th>Psyc899, Psyc801*, Psyc802*</th>
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## Clinical Area

<table>
<thead>
<tr>
<th>RESEARCH REQUIREMENTS</th>
<th>Psyc899, Psyc801*, Psyc802*</th>
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## Developmental Area

<table>
<thead>
<tr>
<th>RESEARCH REQUIREMENTS</th>
<th>Psyc899, Psyc801*, Psyc802*</th>
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</thead>
<tbody>
<tr>
<td>OTHER REQUIRED COURSES</td>
<td>Either Psyc842* or Psyc843*, AND either Psyc853*, Psyc854*, or Psyc855*, AND either Psyc856*, Psyc857*, or Psyc859*</td>
</tr>
<tr>
<td>OTHER REQUIRED COURSES EACH YEAR</td>
<td>Either Psyc841*, Psyc851*, or Psyc852*</td>
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## Social/Personality Area

<table>
<thead>
<tr>
<th>RESEARCH REQUIREMENTS</th>
<th>Psyc899, Psyc801*, Psyc802*</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTHER REQUIRED COURSES</td>
<td>Psyc940* or Psyc941*</td>
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1 Other courses may be offered and required that are not listed as explicitly supporting degree level expectations