## Master of Science in Aging and Health – MSc (AH)

Degree Level Expectations (DLE), Learning Outcomes, Indicators of Achievement and the Program Requirements that Support the Learning Outcomes

<table>
<thead>
<tr>
<th>Degree Level Expectations</th>
<th>Learning Outcomes</th>
<th>Relevant Courses, Academic Requirement</th>
<th>Indicators of Achievement</th>
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</table>
| **Depth and breadth of knowledge** | Students will demonstrate:  
1) The skills in matching theoretical perspectives from aging with appropriate research questions.  
2) The ability to compare, contrast and select optimal research designs & methods relevant to a research question.  
3) The ability to critique aspects of qualitative and quantitative research processes from a conceptual perspective.  
4) The ability to contrast the ethical perspectives on knowing that have influenced aging and health scholars.  
5) Assessment skills of the sociopolitical context of aging in Canada and examine the contributions of critical social theories.  
6) Analysis skills of the concepts and theories relevant to a specific special topic course. | **Requirements:**  
- AGHE 800  
- AGHE 802  
- AGHE 811  
Electives (e.g. 3 courses from: AGHE 810, AGHE 812, AGHE 813, AGHE 814, AGHE 815, AGHE 816, AGHE 818, AGHE 819) | Students will demonstrate learning outcomes by:  
1) Development of an evaluation stakeholder map, program logical model and evaluation outline in AGHE 800  
2) Successful completion of a paper that critically appraises selected literature in AGHE 802  
**Opportunities (Optional):**  
1) Completion of certificate in School of Graduate Studies: *Expanding Horizons* Series.  
2) Completion of TVN certificate |
| **Research and scholarship** | Students will demonstrate:  
1) The theoretical knowledge and skills to conduct small research projects during program of study.  
2) Selection, computation and interpretation skills of statistical techniques to answer research questions. | **Requirements:**  
- AGHE 800  
- AGHE 802  
- AGHE 811  
- AGHE 898 | Students will demonstrate learning outcomes by:  
1) Development of an evaluation stakeholder map, program logical model and evaluation outline in AGHE 800  
2) Successful completion of all primary courses in the MSc.  
3) completion of AGHE 898 |
<table>
<thead>
<tr>
<th>to the discipline of aging and health</th>
<th>b) results in the completion of AGHE 898</th>
<th>Opportunities (Optional):</th>
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<tbody>
<tr>
<td>3) Refinement of skills in conceptualization, conduct and use of research.</td>
<td>4) Scholarly output in form of presentations at local conferences.</td>
<td>1) Participation at conferences</td>
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<td><strong>Opportunities (Optional):</strong></td>
<td></td>
<td>2) Other evidence of innovation and scholarship.</td>
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<td>Application of knowledge Skillful in the utilization of research, including identifying researchable problems</td>
<td>Students will demonstrate:</td>
<td>Requirements:</td>
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<td>1) Critical appraisal skills needed for developing scientific basis for practice in aging and health.</td>
<td>AGHE 800</td>
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<td>2) Knowledge and skill to introduce and use their own and others’ published research findings.</td>
<td>AGHE 802</td>
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<td>3) Proficiency in conducting library searches using computer assisted methods.</td>
<td>AGHE 811</td>
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<td>4) Application of appropriate qualitative data analysis strategies to selected qualitative designs.</td>
<td>AGHE 898</td>
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<td>5) The ability to apply practical methods of study conduct and presentation, including the creation of databases, dummy tables and paper outlines.</td>
<td>Electives</td>
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<td><strong>Opportunities (Optional):</strong></td>
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<td>1) TA and RA positions at Queen’s University</td>
<td>1) Passing marks for class presentations or discussions in AGHE 800, AGHE 802, AGHE 811, and electives</td>
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<td>Communication skills Effective communication, both orally and in writing, to disseminate and translate the outcomes of research and scholarly endeavor.</td>
<td>Students will demonstrate:</td>
<td>Requirements:</td>
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<td>1) Clear, concise writing skills that lead to logical presentation of ideas and arguments.</td>
<td>AGHE 800</td>
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<td>2) Consistent use of APA format and style.</td>
<td>AGHE 802</td>
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<td>3) The ability to orally present the results of scholarly inquiry and/or research results within a 15 minute presentation.</td>
<td>AGHE 811</td>
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<td>Electives</td>
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<td><strong>Opportunities (Optional):</strong></td>
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<td>1) Internal and external conference presentations.</td>
<td>1) Positive feedback from peers, faculty, supervisor and colleagues who attend presentations both internally and externally</td>
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| Autonomy and professional capacity | Students will demonstrate:  
1) Initiative and personal accountability.  
2) Intellectual independence required for life-long learning on topics informing aging and health.  
3) Ethical behaviour consistent with academic integrity, and the conduct of research with humans. | Requirements:  
AGHE 800  
AGHE 802  
AGHE 811  
Electives  
SGS 804  
Opportunities (Optional):  
1) Participation in university committees.  
2) External professional activities. | Students will demonstrate learning outcomes by:  
1) Successful completion of all primary courses in the MSc.  
2) Responsibility for leading seminars in a variety of MSc courses.  

Opportunities (Optional):  
1) Leadership roles of students while in the program. |

| Awareness of Limits of knowledge  
Cognizance of the complexity of knowledge and of the potential contribution of interpretations and methods, from a number of disciplines. | Students will demonstrate:  
1) The ability to link theoretical perspectives from many disciplines with appropriate research questions and designs.  
2) An appreciation for the opportunities to collaborate with other disciplines in using large databases (e.g. ICES-Institute). | Requirements:  
AGHE 800  
AGHE 802  
AGHE 811  
Electives  
Opportunities (Optional):  
1) Seminars across the university  
2) Opportunities for engagement in the TVN mentorship program | Students will demonstrate learning outcomes by:  
1) Successful completion of all primary courses in the MSc.  
2) Personal conceptualization of the discipline of aging and health from a social systems perspective in AGHE 804 if chosen as an elective |