

## MSc in Management

### Thesis

The cognition category includes: possible BFAR statements pertaining to thesis requirements

BFAR Statement	Rationale	Taught	Assessed
1. Students must complete an <b>oral</b> thesis proposal defence in real-time, which might be completed using assistive technologies/aids.	<p>1- Oral presentation by the candidate of research ideas and outcomes is an essential part of the MSc program, which is a research-oriented graduate program. Student needs to demonstrate this capability through an oral thesis proposal defense.</p> <p>2- The thesis advisory committee needs to assess the quality of the proposed research and ensure of its adequacy in meeting academic standards.</p> <p>3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and ensure of his/her ability to effectively complete the proposed research.</p>	GRAD 7000 (Master's Thesis)	Proposal defense as determined by the examining committee
2. Students must complete a <b>written</b> thesis proposal, which might be completed using assistive technologies/aids.	<p>1- Academic writing is an essential part of the MSc program, which is a research-oriented graduate program. Student needs to demonstrate this capability through a written thesis proposal.</p> <p>2- The thesis advisory committee needs to assess the quality of the proposed research and ensure of its adequacy in meeting academic standards.</p> <p>3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and ensure of his/her ability to effectively complete the proposed research.</p>	GRAD 7000 (Master's Thesis)	Proposal defense as determined by the examining committee

## MSc in Management

### Thesis

The cognition category includes: possible BFAR statements pertaining to thesis requirements

BFAR Statement	Rationale	Taught	Assessed
3. Student must demonstrate advanced knowledge and/or research skills (as required by the program) to produce a <b>written</b> thesis commensurate with the degree being sought. The written thesis might be completed using assistive technologies/aids.	<p>1- Academic writing is an essential part of the MSc program, which is a research-oriented graduate program. Student needs to demonstrate this capability through a written thesis.</p> <p>2- The thesis advisory committee needs to assess the quality of the research and ensure of its adequacy in meeting academic standards.</p> <p>3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and confirm his/her eligibility for graduation.</p>	GRAD 7000 (Master's Thesis)	Thesis defense as determined by the examining committee
4. Student must demonstrate advanced knowledge and/or research skills (as required by the program) to complete an <b>oral</b> thesis defence in real-time commensurate with the degree being sought. The oral thesis defence might be completed using assistive technologies/aids.	<p>1- Oral presentation by the candidate of research ideas and outcomes is an essential part of the MSc program, which is a research-oriented graduate program. Student needs to demonstrate this capability through an oral thesis defense.</p> <p>2- The thesis advisory committee needs to assess the quality of the research and ensure of its adequacy in meeting academic standards.</p> <p>3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and confirm his/her eligibility for graduation.</p>	GRAD 7000 (Master's Thesis)	Thesis defense as determined by the examining committee

# MSc in Management

## Cognition & Knowledge

The cognition category includes: knowledge; problem solving; decision making; critical thinking; application; analysis; etc.

BFAR Statement	Rationale	Taught	Assessed
5. Student must demonstrate a working comprehension of how to acquire and interpret knowledge in the related discipline and his/her field of study.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the first step for the student is to learn and demonstrate that he/she is able to acquire knowledge from the existing sources and properly interpret it.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence
6. Student must demonstrate the ability to generalize and synthesize prior knowledge and experience in order to apply it in different settings and novel situations at a level commensurate with the MSc degree.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the second step for the student is to learn and demonstrate that he/she is able to generalize and synthesize the acquired knowledge and to apply it to different and novel situations.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence
7. Student must demonstrate a thorough understanding of a substantial body of knowledge that is at the forefront of the related discipline and his/her field of study.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to have a thorough understanding of a substantial body of knowledge at the forefront of the discipline to be able to identify the gaps and take actions to filling them.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence

## MSc in Management

### Cognition & Knowledge

The cognition category includes: knowledge; problem solving; decision making; critical thinking; application; analysis; etc.

BFAR Statement	Rationale	Taught	Assessed
8. Student must demonstrate a critical awareness of current problems and/or new insights at the forefront of the related discipline and his/her field of study.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to have a thorough understanding of the current developments and new insights at the forefront of the discipline to be able to identify the gaps and take actions to filling them.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence
9. Student must achieve and demonstrate overall competence in <b>quantitative</b> methodologies (and possibly <b>qualitative</b> methodologies, depending on his/her research topic) related to research design, data collection and management, analysis, and result interpretation.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to achieve and demonstrate an overall competency in conducting a robust and scientific investigation of his/her research questions, including designing a research project, collecting data, analyzing data, and interpreting the results.	Graduate level courses in research methods required by the program or the student's Curriculum Advisory Committee; GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence

# MSc in Management

## Skills & Abilities

The skills and abilities category includes communication; observation; perception; motor/tactile function; psychomotor; physical; etc.

BFAR Statement	Rationale	Taught	Assessed
10. Student must demonstrate applied skills in reading and comprehension of academic literature and academic writing at a level commensurate with the degree being sought.	Reading and comprehension of academic literature and academic writing are essential elements of the MSc program, which is a research-oriented graduate program. Student needs to develop these skills over the course of the graduate program and demonstrate his/her ability in applying them.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence
11. Student must design and deliver appropriate oral presentations; discussing, defending, and presenting information in a clear and articulate manner. Oral presentations may be delivered using assistive technologies/aids.	Oral presentation of research ideas and outcomes is an essential part of the MSc program, which is a research-oriented graduate program. Student needs to develop this skill over the course of the graduate program and demonstrate his/her ability in applying them.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, oral proposal defence, and oral thesis defence
12. Student must demonstrate applied skills in both <b><u>qualitative and quantitative</u></b> data analysis at a level commensurate with the degree being sought.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to develop data analysis skills and demonstrate his/her ability to apply them in conducting a robust and scientific investigation of his/her research questions.	Graduate level courses in research methods required by the program or the student's Curriculum Advisory Committee; GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence

# MSc in Management

## Skills & Abilities

The skills and abilities category includes communication; observation; perception; motor/tactile function; psychomotor; physical; etc.

BFAR Statement	Rationale	Taught	Assessed
13. Student must demonstrate applied skills in research methods at a level commensurate with the degree being sought.	The purpose of the MSc program, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to develop methodological skills and demonstrate his/her ability to apply them in conducting a robust and scientific investigation of his/her research questions.	Graduate level courses in research methods required by the program or the student's Curriculum Advisory Committee; GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence
14. Student must demonstrate the ability to undertake and produce original research, advanced scholarship, or independent investigation at a level commensurate with the degree being sought, as determined by the advisory committee.	The purpose of the MSc program, which is a research-oriented graduate program, is to develop independent researchers who can pursue novel research ideas and produce knowledge and contribute to the discipline's literature.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence
15. Student must develop and demonstrate the ability and skill to collaborate with others.	Working with others is an essential part of the MSc program, which is a research-oriented graduate program, and is an essential part of an academic and business career.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Presentations or papers with others, attending department events, and annual progress review
16. Student must develop and demonstrate the ability to build theoretical frameworks.	The ability to build theoretical frameworks is an essential part of the MSc program, which is a research-oriented graduate program, and is an essential part of an academic and business career.	All Graduate Level Courses (required or elective); GRAD 7000 (Master's Thesis)	Class presentations, assignments, term papers, course exams, proposal defence, and thesis defence

## MSc in Management



UNIVERSITY  
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### Professionalism

BFAR Statement	Rationale	Taught	Assessed
17. Student must keep accurate and legible records of data and codes when conducting empirical research and maintain these records to allow replicating of results by others.	Unethical and dishonest research conducts impede the development of authentic scientific knowledge.	GRAD 7300 Ethics Tutorial- Human Research Protection Program; Graduate level courses in research methods.	Class presentations, assignments, term papers, course exams, proposal defence, thesis defence, and annual progress review

# PhD in Management

## Thesis

The thesis category includes: possible BFAR statements pertaining to thesis requirements

<b>BFAR Statement</b>	<b>Rationale</b>	<b>Taught</b>	<b>Assessed</b>
1. Students must complete an <b>oral</b> thesis proposal defence in real-time, which might be completed using assistive technologies/aids.	1- A public and real-time presentation by the candidate of research ideas and outcomes is an essential part of the PhD program in Asper School, which is a research-oriented graduate program. 2- The thesis advisory committee needs to assess the quality of the proposed research and ensure of its adequacy in meeting academic standards. 3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and ensure of his/her ability to effectively complete the proposed research.	GRAD 8000 (Doctoral Thesis)	Proposal defense as determined by the examining committee



# PhD in Management

## Thesis

The thesis category includes: possible BFAR statements pertaining to thesis requirements

BFAR Statement	Rationale	Taught	Assessed
2. Students must complete a <b>written</b> thesis proposal, which might be completed using assistive technologies/aids.	<p>1- Academic writing is an essential part of <b><u>the PhD program in Asper School</u></b>, which is a research-oriented graduate program. Student needs to demonstrate this capability through a written thesis proposal.</p> <p>2- The thesis advisory committee needs to assess the quality of the proposed research and ensure of its adequacy in meeting academic standards.</p> <p>3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and ensure of his/her ability to effectively complete the proposed research.</p>	GRAD 8000 (Doctoral Thesis)	Proposal defense as determined by the examining committee

# PhD in Management

## Thesis

The thesis category includes: possible BFAR statements pertaining to thesis requirements

BFAR Statement	Rationale	Taught	Assessed
<p>3. Student must demonstrate advanced knowledge and/or research skills (as required by the program) to produce a <b>written</b> thesis commensurate with degree being sought. The written thesis might be completed using assistive technologies/aids.</p>	<p>1- Academic writing is an essential part of the PhD program in Asper School, which is a research-oriented graduate program. Student needs to demonstrate this capability through a written thesis proposal.                  2- The thesis advisory committee needs to assess the quality of the research and ensure of its adequacy in meeting academic standards.                  3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and confirm his/her eligibility for graduation.</p>	<p>GRAD 8000 (Doctoral Thesis)</p>	<p>Thesis defense as determined by the examining committee</p>
<p>4. Student must demonstrate advanced knowledge and/or research skills (as required by the program) to complete an <b>oral</b> thesis defence in real-time commensurate with the degree sought. The oral thesis defence might be completed using assistive technologies/aids.</p>	<p>1- A public and real-time presentation by the candidate of research ideas and outcomes is an essential part of the PhD program in Asper School, which is a research-oriented graduate program.                  2- The thesis advisory committee needs to assess the quality of the research and ensure of its adequacy in meeting academic standards.                  3- The thesis advisory committee needs to assess and evaluate student's knowledge and skills and confirm his/her eligibility for graduation.</p>	<p>GRAD 8000 (Doctoral Thesis)</p>	<p>Thesis defense as determined by the examining committee</p>

# PhD in Management

## Cognition & Knowledge

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BFAR Statement	Rationale	Taught	Assessed
5. Student must demonstrate a working comprehension of how to acquire and interpret knowledge in <u>their research discipline and their field of study.</u>	The purpose of <u>the PhD program in Asper School</u> , which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the first step for the student is to learn and demonstrate that he/she is able to acquire knowledge from the existing sources and properly interpret it.	All Graduate Level Courses (required or elective)  GRAD 8000 (Doctoral Thesis)	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence
6. Student must demonstrate the ability to generalize and synthesize prior knowledge and experience in order to apply it in different settings and novel situations at a level commensurate with the <u>PhD degree in Asper School.</u>	The purpose of <u>the PhD program in Asper School</u> , which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the second step for the student is to learn and demonstrate that he/she is able to generalize and synthesize the acquired knowledge and to apply it to different and novel situations.	All Graduate Level Courses (required or elective)  GRAD 8000 (Doctoral Thesis)	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence
7. Student must demonstrate a thorough understanding of a substantial body of knowledge that is at the forefront of <u>their research discipline and their field of study.</u>	The purpose of <u>the PhD program in Asper School</u> , which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to have a thorough understanding of a substantial body of knowledge at the forefront of the discipline to be able to identify the gaps and take actions to filling them.	All Graduate Level Courses (required or elective)  GRAD 8000 (Doctoral Thesis)	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence

# PhD in Management

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BFAR Statement	Rationale	Taught	Assessed
<p>8. Student must demonstrate a critical awareness of current problems and/or new insights at the forefront of <b><u>their research discipline and their field of study</u></b>.</p>	<p>The purpose of <b><u>the PhD program in Asper School</u></b>, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to have a thorough understanding of the current developments and new insights at the forefront of the discipline to be able to identify the gaps and take actions to filling them.</p>	<p>All Graduate Level Courses (required or elective)  GRAD 8000 (Doctoral Thesis)</p>	<p>Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence</p>
<p>9. Student must achieve and demonstrate overall competence in <b><u>quantitative</u></b> methodologies (and possibly <b><u>qualitative</u></b> methodologies, depending on his/her research topic) related to research design, data collection and management, analysis, and result interpretation.</p>	<p>The purpose of <b><u>the PhD program in Asper School</u></b>, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to achieve and demonstrate an overall competency in conducting a robust and scientific investigation of his/her research questions, including designing a research project, collecting data, analyzing data, and interpreting the results.</p>	<p>GMGT 7540, or MKT 7080 or an equivalent graduate level course in research methods from another faculty; other graduate statistics course in psychology/sociology/economics; and all other graduate level courses required by the student's Curriculum or Advisory Committee  GRAD 8000 (Doctoral Thesis)</p>	<p>Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence</p>

# PhD in Management

## Skills & Abilities

The skills and abilities category includes communication; observation; perception; motor/tactile function; psychomotor; physical; etc.

BFAR Statement	Rationale	Taught	Assessed
10. Student must demonstrate applied skills in reading and comprehension of academic literature and academic writing at a level commensurate with the <b><u>PhD degree in Asper School</u></b> .	Reading and comprehension of academic literature and academic writing are essential elements of <b><u>the PhD program in Asper School</u></b> , which is a research-oriented graduate program. Student needs to develop these skills over the course of the graduate program and demonstrate his/her ability in applying them.	All Graduate Level Courses (required or elective) GRAD 8000 (Doctoral Thesis)	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence
11. Student must design and deliver appropriate presentations; discussing, defending, and presenting information in a clear and articulate manner. Presentations might be delivered using assistive technologies/aids.	Oral presentation of research ideas and outcomes is an essential part of <b><u>the PhD program in Asper School</u></b> , which is a research-oriented graduate program. Student needs to develop this skill over the course of the graduate program and demonstrate his/her ability in applying them.	All Graduate Level Courses (required or elective) GRAD 8000 (Doctoral Thesis)	Class presentations, oral proposal defence and oral thesis defence

# PhD in Management

## Skills & Abilities

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BFAR Statement	Rationale	Taught	Assessed
<p>12. Student must demonstrate applied skills in both <b><u>qualitative and quantitative</u></b> data analysis at a level commensurate with the <b><u>PhD degree in Asper School</u></b>.</p>	<p>The purpose of <b><u>the PhD program in Asper School</u></b>, which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to develop data analysis skills and demonstrate his/her ability to apply them in conducting a robust and scientific investigation of his/her research questions.</p>	<p>GMGT 7540, or MKT 7080 or an equivalent graduate level course in research methods from another faculty; other graduate statistics course in psychology/sociology/economics; and all other graduate level courses required by the student's Curriculum or Advisory Committee</p> <p>GRAD 8000 (Doctoral Thesis)</p>	<p>Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence</p>

# PhD in Management

## Skills & Abilities

The skills and abilities category includes communication; observation; perception; motor/tactile function; psychomotor; physical; etc.

BFAR Statement	Rationale	Taught	Assessed
13. Student must demonstrate applied skills in research methods at a level commensurate with the <b><u>PhD degree in Asper School</u></b> .	The purpose of <b><u>the PhD program in Asper School</u></b> , which is a research-oriented graduate program, is to produce knowledge and contribute to the discipline's literature. To this end, the student needs to develop methodological skills and demonstrate his/her ability to apply them in conducting a robust and scientific investigation of his/her research questions.	GMGT 7540, or MKT 7080 or an equivalent graduate level course in research methods from another faculty; other graduate statistics course in psychology/sociology /economics; and all other graduate level courses required by the student's Curriculum or Advisory Committee  GRAD 8000 (Doctoral Thesis)	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence
14. Student must demonstrate the ability to undertake and produce original research, advanced scholarship, or independent investigation at a level commensurate with the <b><u>PhD degree in Asper School</u></b> , as determined by the advisory committee.	The purpose of <b><u>the PhD program in Asper School</u></b> , which is a research-oriented graduate program, is to develop independent researchers who can pursue novel research ideas and produce knowledge and contribute to the discipline's literature.	All Graduate Level Courses (required or elective)  GRAD 8000 (Doctoral Thesis)	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence and thesis defence

## PhD in Management

### Professionalism

<b>Professionalism</b>			
BFAR Statement	Rationale	Taught	Assessed
15. Student must demonstrate ethical behaviour consistent with the guidelines and procedures for the responsible conduct of research and/or demonstrate ethical research conduct where research ethics boards do not apply.	1- The generation of knowledge should not be at the expense of other research stakeholders' interests and rights. 2- Unethical and dishonest research conducts impede the development of authentic scientific knowledge.	1) GRAD 7500 Academic Integrity Tutorial  2) GMGT 7540 or MKT 7080	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence, annual progress review, and thesis defence
16. Student must conduct research in a safe and ethical manner, following instructions from their respective ethics board and the advisory committee to ensure research participants and other research stakeholders are treated with respect.	1- The generation of knowledge should not be at the expense of other research stakeholders' interests and rights. 2- Unethical and dishonest research conducts impede the development of authentic scientific knowledge.	1) GRAD 7300 Ethics Tutorial- Human Research Protection Program  2) GMGT 7540 or MKT 7080	Class presentations, assignments, term papers, course exams, candidacy exam, proposal defence, annual progress review, and thesis defence