

# FOOD SCIENCE, M.SC.

## Degree Requirements

There are two types of Food Science Master's programs in the Department of Food and Human Nutritional Sciences:

### Thesis

Thesis projects may be of a basic research type or of an applied or practical nature relating to the chemistry, physics and/or microbiology of food raw materials, processes and/or products.

As part of the 12 credit hours required in the program, all students are required to take HNSC 7200 (3 CH) or FOOD 7130 (3 CH), plus 3 credit hours in HNSC or FOOD courses at the 7000 level. The remaining 6 credit hours can be from within or outside the department and must include at least 3 credit hours at the 7000 level or above. Reading/Special Topics courses at the Master's level must not exceed 3 credit hours.

### Non-thesis

*Not currently accepting students into this option*

Additional coursework plus practical work terms and a comprehensive examination are substituted for a research project and written thesis.

The non-thesis program requires a minimum of 30 credit hours of coursework. Of this total, a minimum of 15 credit hours must be at the 7000 level in Food Science with the remaining courses to be approved by the student's advisory committee.

**Expected Time to Graduate:** 2 years

## Progression Chart

Course	Title	Hours
<b>Year 1</b>		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
FOOD 7130	Food Science Seminar	3
Select 3 credit hours in HNSC or FOOD courses at the 7000 level.		3
Select 6 credit hours from within or outside the department, which must include at least 3 credit hours at the 7000 level or above		6
Thesis Proposal <sup>1</sup>		
<b>Hours</b>		<b>12</b>
<b>Year 2</b>		
GRAD 7000	Master's Thesis <sup>2</sup>	0
<b>Hours</b>		<b>0</b>
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> A written thesis proposal followed by an oral presentation by the student must be assessed and approved by the Advisory Committee within 9 months of commencing the program. Students will be apprised of guidelines and evaluation procedures by the Advisor. The thesis proposal shall include the title, an introduction, literature review, hypothesis, objectives, methodology, references and Gantt chart. Students shall submit their draft thesis proposal to the advisor for feedback prior to circulation to the Advisory Committee. The student then presents orally for 20 minutes and defends the thesis proposal to the members constituting the Advisory Committee.

<sup>2</sup> Students in the thesis route must pass an Oral Examination. The examining committee will grant approval based on the written document and the ability of the student to defend the work completed. Agreement with no more than one dissenting vote on the written thesis and oral defense is required for final approval.