

# APPLIED HEALTH SCIENCES, PH.D.

## Degree Requirements

The coursework requirement will consist of a minimum of twelve credit hours of 7000-level coursework (18 credit hours of coursework for students entering program without a research-based Master's Degree).

Students will be required to take AHS 7000, a lecture/seminar course in which faculty members from the participating academic units take part (3 credits). This course is designed to promote in students advanced knowledge, skills, and abilities needed to evaluate and conduct multidisciplinary, applied health research.

Nine credit hours may be chosen from a combination of graduate courses from the participating units or from other faculties outside the participating units that offer graduate courses related to applied health sciences (3 credits).

Students who entered the program without a research-based Master's degree are required to take AHS 7010 in the first year of their program.

Courses must be selected by the student in consultation with the advisor. All courses must be recorded on the "AHS Internal Program Approval Form", and submitted to the AHS Program Assistant for approval by the AHS Program Director.

Students in the program will also be required to take part in a monthly seminar in Applied Health Sciences with mandatory attendance for two years (Year 1: AHS 7002; Year 2: AHS 7004), a requirement for graduation. The monthly seminars will consist of an admixture of presenters from the University of Manitoba and from outside, with the focus on applied health science issues.

An Advisory Committee will be established for each student within twelve months of registration into the Ph.D. program. Advisory committees are selected by the advisor/co-advisor in consultation with the student and should consist of individuals whose expertise is consistent with that necessary to provide additional advice and guidance to the student during their program.

Students will be expected to complete a candidacy exam, consisting of an oral and written component, normally before the end of the second year of their program. The student must pass the written and oral phases of the exam to be considered a candidate for the Ph.D. degree. Students must have completed all coursework prior to taking the candidacy exam.

The student's thesis research proposal must be approved by the Advisory Committee normally before the end of the second year after admission to the program. The research proposal, in the form of a document outlining the rationale and background for the study, specific objectives, and methods and procedures will be presented by the candidate in an oral format. Following the oral presentation, the candidate will defend their proposal.

The research program, culminating in the preparation and defense of a doctoral thesis, will be conducted according to the regulations of the Faculty of Graduate Studies of the University of Manitoba.

**Expected time to graduation:** 4 years

## Progression Chart

Course	Title	Hours
<b>Year 1</b>		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
AHS 7000	Research and Practice in Applied Health Sciences	3
Select 9 credit hours from a combination of graduate courses <sup>1</sup>		9
AHS 7002	Seminar I Applied Health Sciences	0
AHS 7010	Introductory Research Project in Applied Health Sciences <sup>2</sup>	0-6
<b>Hours</b>		<b>12-18</b>
<b>Year 2</b>		
AHS 7004	Seminar II Applied Health Sciences	0
GRAD 8010	Doctoral Candidacy Examination <sup>3</sup>	0
Thesis Proposal <sup>4</sup>		
<b>Hours</b>		<b>0</b>
<b>Years 3-4</b>		
GRAD 8000	Doctoral Thesis <sup>5</sup>	0
<b>Hours</b>		<b>0</b>
<b>Total Hours</b>		<b>12-18</b>

<sup>1</sup> Nine credit hours may be chosen from a combination of graduate courses from the participating units or from other faculties outside the participating units that offer graduate courses related to applied health sciences (3 credits). Courses must be selected by the student in consultation with the advisor. All courses must be recorded on the "AHS Internal Program Approval Form", and for approval by the AHS Program Director.

<sup>2</sup> **This course is only for students who were accepted into the program without a research-based Master's degree.**

<sup>3</sup> Candidacy Exam:

- normally before the end of the 2nd year after admission
- no later than one year prior to expected graduation date
- course work must be completed

<sup>4</sup> Thesis Proposal:

- normally before the end of the 2nd year after admission
- no later than one year prior to expected graduation date
- independent from candidacy exam
- before research begins

<sup>5</sup> The candidate will be recommended for the Ph.D. degree upon receipt by the Faculty of Graduate Studies of favourable reports by the thesis examining committee, a corrected copy of the electronic version of the thesis submitted to MSpace, final approval and release forms, and providing all other degree requirements have been satisfied.