

HEALTH SERVICES RESEARCH (HSR) – MSc THESIS-BASED	
Description	Health Services Research is a diverse research area, encompassing a broad array of disciplines and methods. Health Services Research is a multidisciplinary field of scientific investigation, both basic and applied, that studies how social factors, financing systems, organizational structures and process, health technologies and personal behaviours affect access to health care, the quality and cost of health care, and ultimately our health and well-being (Academy for Health Services Research and Policy in 2000, accessed online July 2, 2008 at http://www.academyhealth.org/about/whatishsr.htm).
Additional Admission Requirements	In addition to the Faculty of Graduate Studies' requirements, all applicants must meet the minimum admission requirements of the home program.
MDCH Core Required Courses	<ol style="list-style-type: none"> 1) MDCH 600: Introduction to CHS 2) MDCH 610: Essentials of Biostatistics 3) MDCH 640: Fundamentals of Epidemiology 4) MDCH 681: Health Research Methods
HSR Required Courses	<ol style="list-style-type: none"> 1) MDCH 660: Foundations of Health Services Research
Recommended Electives	At least two graduate level half course equivalent as recommended by the student's supervisor/committee appropriate to the advancement of the thesis research topic. Other courses offered at the University of Calgary or through the Western dean's Agreement (https://grad.ucalgary.ca/current/managing-my-program/studying-at-another-university/western-deans) may be used to fulfil elective requirements, with the approval of the student's supervisor(s) and home department GPD.
Seminars	Students in MDCH 600 must attend all CHS-OIPH Weekly Seminars in the Fall and Winter terms. Additional seminars as recommended by student's supervisor/committee.
Thesis Research	All coursework must be completed prior to the Final Thesis Examination. Refer to requirements of home program regarding Thesis Monograph or Manuscript-based.
Practicum	None required, but usually arranged in conjunction with the student's supervisor(s).
HSR Competencies	

HEALTH SERVICES RESEARCH (HSR) – PhD THESIS-BASED		
Description	Health Services Research is a diverse research area, encompassing a broad array of disciplines and methods. Health Services Research is a multidisciplinary field of scientific investigation, both basic and applied, that studies how social factors, financing systems, organizational structures and process, health technologies and personal behaviours affect access to health care, the quality and cost of health care, and ultimately our health and well-being (Academy for Health Services Research and Policy in 2000, accessed online July 2, 2008 at http://www.academyhealth.org/about/whatishsr.htm).	
Additional Admission Requirements	In addition to the Faculty of Graduate Studies' requirements, all applicants must meet the minimum admission requirements of the home program.	
MDCH Core Required Courses	<ol style="list-style-type: none"> 1) MDCH 600: Introduction to CHS 2) MDCH 610: Essentials of Biostatistics 3) MDCH 640: Fundamentals of Epidemiology 4) MDCH 660: Foundations of Health Services Research 5) MDCH 681: Health Research Methods 	All incoming PhD students are expected to have completed the required MDCH courses for Health Services Research at the Master's level and/or other pre-requisite courses from elective courses. If not, there are two options: (i) complete the courses, or (ii) request an exemption PRIOR to start of program based on having completed equivalent courses at the Master's level at the same or another university.
HSR Required Courses	Courses will be selected with the supervisor(s) and receive GPD approval depending on the student's Master's training and as appropriate to the advancement of the thesis research topic. If exemptions are not requested, incoming students are expected to complete at least THREE advanced methods courses at the 600 or 700 levels, from the following options:	
	1) MDCH 611: Biostatistics II: Models for Health Outcomes	
	2) MDCH 664: Administrative Data Analysis Methodology	
	3) MDCH 683: Qualitative Health Research	
	4) MDCH 741: Systematic Reviews and Meta-Analysis	
	5) MDCH 761: Advanced Methods in Health Research	
Recommended Electives	As recommended by the student's supervisor/committee appropriate to the advancement of the thesis research topic. Other courses offered at the University of Calgary or through the Western dean's Agreement (https://grad.ucalgary.ca/current/managing-my-program/studying-at-another-university/western-deans) may be used to fulfil elective requirements, with the approval of the student's supervisor(s) and home department GPD.	
Seminars	Students in MDCH 600 must attend all CHS-OIPH Weekly Seminars in the Fall and Winter terms. Additional seminars as recommended by student's supervisor/committee.	
Candidacy Examination	All coursework must be completed and the dissertation proposal approved and submitted to Ethics prior to the Candidacy Exam. The Candidacy Examination will consist of three written questions devised by the supervisory committee and an oral examination.	
Thesis Research	All coursework must be completed prior to the Final Thesis Examination. Refer to requirements of home program regarding Thesis Monograph or Manuscript-based.	
Practicum	None required, but typically, arranged in conjunction with the student's supervisor(s).	
HSR Competencies		