***Twin Cities Campus***

# Health Services Research, Policy, and Administration M.S.

*School of Public Health - Adm*

**School of Public Health**

Link to a list of faculty for this program.

**Contact Information:**
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- Program Type: Master's
- Requirements for this program are current for Fall 2017
- Length of program in credits: 34
- This program requires summer semesters for timely completion.
- Degree: Master of Science

Along with the program-specific requirements listed below, please read the General Information section of the catalog website for requirements that apply to all major fields.

The MS-HSRPA program enables students to obtain the knowledge and skills for careers as health analysts and researchers with which to develop the evidence that is used in research, clinical, business, and policy environments; examine the causes and correlations of health outcomes; and analyze quality and costs in organizational and policy contexts, such as public reporting and payment policies.

The program includes a core of courses that are foundational to research and analytics, and has a generous number of elective credits that can be applied to a specialization enabling students to tailor much of the coursework to their individual interests and career goals.

The specializations are: health intelligence and analytics; cost effectiveness; health care quality improvement/operations research; health services research and evaluation; health policy; health economics; social determinants of health; public health informatics. Students may also create their own specialization in consultation with their advisor.

The program requires a minimum of 34 credits, that can be completed in one to two years depending on the specialization.

## Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

## Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Applicants must submit their test score(s) from the following:

- GRE
  - General Test - Verbal Reasoning: 153
  - General Test - Quantitative Reasoning: 144
  - General Test - Analytical Writing: 3.5

International applicants must submit score(s) from one of the following tests:

- TOEFL
  - Internet Based - Total Score: 100
  - Paper Based - Total Score: 600
- IELTS
  - Total Score: 7
- MELAB
  - Final score: 80

The preferred English language test is Test of English as Foreign Language

Key to test abbreviations(GRE, TOEFL, IELTS, MELAB).

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For an online application or for more information about graduate education admissions, see the General Information section of the catalog website.

## Program Requirements

**Plan B:** Plan B requires 19 to 23 major credits and 11 to 15 credits outside the major.The final exam is oral. A capstone project is required.
**Capstone Project:** There are two options for completing the master's project: 1) An industry-specific project where the student works on a project with a local organization and presents their findings. 2) Independent research conducted on a relevant topic of interest, with the guidance of the academic advisor.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.00 is required for students to remain in good standing.

Good math skills are essential. Previous coursework in algebra, statistics, or other quantitative coursework is recommended.

**Core Requirements**

The core curriculum includes 19 to 23 credits of coursework and Plan B project credits.
Take 19 - 23 credit(s) from the following:

**Coursework**

- PUBH 6450 - Biostatistics I (4.0 cr)
- PUBH 6451 - Biostatistics II (4.0 cr)
- PUBH 6724 - The Health Care System and Public Health (3.0 cr)
- PUBH 6341 - Epidemiologic Methods I (3.0 cr)
  *or* PUBH 6320 - Fundamentals of Epidemiology (3.0 cr)
- PUBH 6806 - Principles of Public Health Research (2.0 cr)
  *or* PUBH 6864 - Conducting Health Outcomes Research (3.0 cr)
- PUBH 6742 - Ethics in Public Health: Research and Policy (1.0 cr)
  *or* PUBH 6741 - Ethics in Public Health: Professional Practice and Policy (1.0 cr)

**Plan B Project**

Take 2 to 5 Plan B project credits, in consultation with the advisor.
PUBH 7894 - MS in Health Services Research, Policy, and Administration Plan B Project (1.0 - 5.0 cr)

**Specialization Areas**

Students choose from the following specialization areas, or design and propose their own specialization area, in consultation with their advisor. Remaining credits to meet minimum credit requirements or to address other areas of interest are also chosen in consultation with the advisor.
Take 11 - 15 credit(s) from the following:

**Health Intelligence and Analytics**

Take exactly 6 credit(s) from the following:

- PUBH 6813 - Managing Electronic Health Information (2.0 cr)
- PUBH 6814 *{Inactive}*(2.0 cr)
- PUBH 6805 - Introduction to Project Management for Health Professionals (2.0 cr)

**Cost Effectiveness**

Take exactly 8 credit(s) from the following:

- PUBH 6717 - Decision Analysis for Health Care (2.0 cr)
- PUBH 6862 - Cost-Effectiveness Analysis in Health Care (3.0 cr)
- PUBH 6809 - Advanced Methods in Health Decision Science (3.0 cr)

**Health Care Quality Improvement/Operations Research**

Take 6 or more credit(s) from the following:

- PUBH 6560 - Operations Research and Quality in Health Care (3.0 cr)
- PUBH 6765 - Continuous Quality Improvement: Methods and Techniques (3.0 cr)
- PUBH 6561 - Quantitative Methods Applied to Health Administration Problems (2.0 cr)
- PUBH 6571 - Quality, Patient Safety, and Performance Improvement (2.0 cr)
  *or* PUBH 6727 - Health Leadership and Effecting Change (2.0 cr)

**Health Services Research and Evaluation**

Take 6 or more credit(s) from the following:

- PUBH 6717 - Decision Analysis for Health Care (2.0 cr)
- PUBH 6863 - Understanding Health Care Quality (2.0 cr)
- PUBH 6803 - Conducting a Systematic Literature Review (3.0 cr)
- PUBH 6810 - Survey Research Methods (3.0 cr)

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- PUBH 6845 - Using Demographic Data for Policy Analysis (3.0 cr)
- PUBH 6852 - Program Evaluation in Health and Mental Health Settings (2.0 cr)

**•Health Policy**

Take 6 or more credit(s) from the following:

- PUBH 6078 - Public Health Policy as a Prevention Strategy (2.0 cr)
- PUBH 6711 - Public Health Law (2.0 cr)
- PUBH 6702 - Integrative Leadership Seminar (3.0 cr)
- PUBH 6835 *{Inactive}*(2.0 cr)
  *or* PUBH 8802 - Health Services Policy Analysis: Applications (2.0 cr)
- PUBH 6832 - Economics of the Health Care System (3.0 cr)
  *or* PUBH 6555 - Health Economics (2.0 cr)

**•Health Economics**

Take 6 or more credit(s) from the following:

- PUBH 6862 - Cost-Effectiveness Analysis in Health Care (3.0 cr)
- PUBH 6780 - Topics in Public Health Administration and Policy (1.0 - 3.0 cr)
- PUBH 6832 - Economics of the Health Care System (3.0 cr)
  *or* PUBH 6555 - Health Economics (2.0 cr)

**•Social Determinants of Health**

Take 6 or more credit(s) from the following:

- PUBH 6055 - Social Inequalities in Health (2.0 cr)
- PUBH 6066 - Building Communities, Increasing Health: Preparing for Community Health Work (2.0 cr)
- PUBH 6281 *{Inactive}*(3.0 - 4.0 cr)
- PUBH 6675 - Women's Health (2.0 cr)
- PUBH 6811 *{Inactive}*(2.0 cr)
- CSPH 5115 - Cultural Awareness, Knowledge and Health (3.0 cr)
- PUBH 6855 - Medical Sociology (3.0 cr)
- PUBH 6634 *{Inactive}*(2.0 cr)

**•Public Health Informatics**

Take 6 or more credit(s) from the following:

- HINF 5430 - Foundations of Health Informatics I (3.0 cr)
- PUBH 6876 *{Inactive}*(2.0 cr)
- PUBH 6877 - Public Health Systems Analysis and Design - Practicum (2.0 cr)
- PUBH 6880 - Introduction to Public Health Informatics (2.0 cr)
- PUBH 6025 *{Inactive}*(2.0 cr)

**Joint- or Dual-degree Coursework:**Joint Degree Program with Law and MS in Health Services Research, Policy, and Administration (JD/MS)Student may take a total of 8 credits in common among the academic programs.

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