

**Health Services Research and Policy
Program Curriculum 2008-09**

First Year

First Term

- 140.651 Methods in Biostatistics I (4) (140.621-140.624 series may be substituted with the permission of advisor and program director)
- 340.601 Principles of Epidemiology (5)
- 300.711 Health Policy I: Social and Economic Determinants of Health (3)
- 300.721 Health Policy I: PhD Lab (1)
- 309.861 Graduate Seminar in Health Services Research and Policy (1)
- 313.640 Health Economics I (3)
- xxx.xxx School web ethics module (n/c)
- xxx.xxx Introduction to On-line learning (n/c)

1st term minimum credits: 17

Second Term

- 140.652 Methods in Biostatistics II (4)
- 300.700.81 TA Orientation Seminar (1)
- 300.712 Health Policy II: Public Health Policy Formation (3)
- 300.722 Health Policy II: PhD Lab (1)
- 313.641 Health Economics II – Applications (3)
- 309.712 Assessing Health Status and Patient Outcomes (3)
- 309.861 Graduate Seminar in Health Services Research and Policy (1)

2nd term minimum credits: 16

Third Term

- 140.653 Methods in Biostatistics III (4)
- 300.713 Health Policy III: Health Policy Research and Evaluation Methods (4)
- 309.620 Managed Care and Health Insurance (3)
- 313.630 Concepts and Applications in Economic Evaluation I (3)
- 311.615 The Quality of Medical Care (3)
- 309.861 Graduate Seminar in Health Services Research and Policy (1)

3rd term minimum credits: 18

Fourth term

- 140.654 Methods in Biostatistics IV (4)
- 300.714 Health Policy IV: Health Policy Analysis and Synthesis (3)
- 300.724 Health Policy IV: PhD Lab (1)
- 300.704 First Year PhD Capstone (1)
- 300.703 Health Services Research and Policy Doctoral Readings Seminar (4)
- 313.631 Concepts and Applications in Economic Evaluation II (3)
- 309.861 Graduate Seminar in Health Services Research and Policy (1)

4th term minimum credits: 17

Second Year

First Term

- 300.870 Research and Proposal Writing Seminar I (2)
- 309.861 Graduate Seminar in Health Services Research and Policy (1)
- 550.865 PH Perspectives on Research (1)
- 300.840 Special Studies or Methods credits (12)

1st term minimum credits: 16

Second Term

- 309.861 Graduate Seminar in Health Services Research and Policy (1)
- 550.866 PH Perspectives on Research (1)
- 309.715 Advanced Methods for Health Services Research: Research Design and Data Sources (4)
- 300.840 Special Studies or Methods credits (10)

2nd term minimum credits: 16

Third Term

- 306.665 Research Ethics and Integrity (3)
- 300.871 Research and Proposal Writing Seminar II (2)
- 300.840 Special Studies or Methods credits (8-11)
- 309.861 Graduate Seminar in Health Services Research and Policy (1)

Recommended:

- 300.750 Teaching at the University Level (3)

3rd term minimum credits: 16

Fourth Term

- 309.861 Graduate Seminar in Health Services Research and Policy (1)
300.840 Special Studies or Methods credits (16)

4th term minimum credits: 16

Notes:

- A two course HSR&P distributional methods requirement to be completed sometime during second year (6 credits total). See listing below.
- Additional course requirement below for students concentrating in gerontology. See below.

Distributional Methods Requirements for Students in All HSR&P Tracks

During the second year, students will complete at least **two** of the methods courses below (equaling at least 6 credits) in **one** of the following domains. The intent of this distributional methods requirement is to allow the student to develop a special area of methods expertise. Courses may be taken for a grade or Pass/Fail to meet this requirement. Approval for alternative methods courses will require approval from the program director and the student's advisor.

Social & Behavioral and Measurement Methods:

- 410.615 Research Design in the Social and Behavioral Sciences
330.657 Statistics for Psychosocial Research: Measurement
140.658 Statistics for Psychosocial Research: Structural Models

Epidemiologic Perspective on Research Design & Analysis:

- 340.608 Observational Epidemiology (internet or Summer Institute only)

Design and conduct of population-based surveys:

- 340.717 Health Survey Research Methods
140.640 Statistical Methods for Sample Surveys
380.712 Methods in Analysis of Large Population Surveys

Qualitative Research Methods:

- 224.690 Qualitative Research Methods I
- 224.691 Qualitative Research Methods II
- 230.649 Qualitative Research Methods in the Social Sciences

Econometrics:

- 180.633 Econometrics
- 180.637 Micro-econometrics I
- 180.638 Micro-econometrics II

Advanced Statistical Analysis for Special Data Issues:

- 140.655 Analysis of Longitudinal Data
- 180.636 Statistical Inference
- 230.615 Seminar on Panel Data Analysis
- 340.606 Meta-analysis
- 220.622 Seminar on Limited Dependent Variable Models
- 230.605 Categorical Data Analysis and Selected Topics
- 230.631 Confirmatory Factor Analysis and Linear Structural-Equations Modeling
- 140.665 Causal Inference
- 140.655 Multi-level Statistical Models in Public Health

Advanced Methods for Health Policy Analysis

TBD (contact program director)

Informatics and Information Sciences

TBD (contact program director)

Third Year and Beyond

Once students have completed all of the required and elective coursework, they must maintain a full-time registration for the duration of their program. The definition of full-time registration requires each student to be registered for at least 12 credits each term. Students who have not yet passed the school-wide oral exam should register for 12 credits of special studies (300.840) with their advisor to work on their dissertation proposal; once a student has passed the school-wide oral exam, they should register for dissertation research credits, 300.820.