

**PhD in Health Services Research and Policy
Curriculum 2009-10**

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)

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)

Third Term

140.653	Methods in Biostatistics III (4)
300.713	Health Policy III: Research and Evaluation Methods for Health Policy (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)

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)

Second Year

First Term

- 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)

Second Term

- 300.870 Research and Proposal Writing Seminar I (2)
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 (8)

Third Term

- 306.665 Research Ethics and Integrity (3)
300.840 Special Studies or Methods credits (10-13)
309.861 Graduate Seminar in Health Services Research and Policy (1)

Recommended:

- 300.750 Teaching at the University Level (3)

Fourth Term

- 300.871 Research and Proposal Writing Seminar II (2)
309.861 Graduate Seminar in Health Services Research and Policy (1)
300.840 Special Studies or Methods credits (13)

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. 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)
340.751 Epidemiological Methods I
340.752 Epidemiological Methods II
340.753 Epidemiological Methods III

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.