

*PhD in Health Services Research and Policy
Program Curriculum 2011/12*

AY 2011/12 Summer

xxx.xxx Introduction to On-line learning (n/c)

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)
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)
311.615.81 The Quality of Medical Care (3)
313.639* Introduction to Microeconomics (3) OR
313.670* Mathematical Microeconomics (4)
340.601 Principles of Epidemiology (5)
xxx.xxx School web ethics module (n/c)

* Choice of economics depends on previous undergrad work and future focus. Consult with advisor and program director.

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)
309.712 Assessing Health Status and Patient Outcomes (3)
309.861 Graduate Seminar in Health Services Research and Policy (1)
313.641 Health Economics I (3)
313.790.81 Economic Evaluation I (3)

Third Term

140.653 Methods in Biostatistics III (4)
300.713 Research and Evaluation Methods for Health Policy (4)
309.620 Managed Care and Health Insurance (3)
309.861 Graduate Seminar in Health Services Research and Policy (1)

Strongly recommended
313.631 Economic Evaluation II (4)

Fourth term

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

2012/13 First Term

- 300.840 Special Studies or Methods credits (12)
309.716 Advanced Methods for Health Services Research: Analysis (3)
309.861 Graduate Seminar in Health Services Research and Policy (1)

Second Term

- 300.840 Special Studies or Methods credits (8)
300.870 Research and Proposal Writing Seminar I (2)
309.861 Graduate Seminar in Health Services Research and Policy (1)
309.715 Advanced Methods for Health Services Research: Research Design and Data Sources
550.865.81 Public Health Perspectives on Research (2)

Third Term

- 300.840 Special Studies or Methods credits (10-13)
306.665 Research Ethics and Integrity (3)
309.861 Graduate Seminar in Health Services Research and Policy (1)
- Recommended:
300.750 Teaching at the University Level (3)

Fourth Term

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

Notes:

❖ A two-course HSRP distributional methods requirement to be completed sometime during second year (6 credits total). See listing 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.

Quality, Patient Safety and Outcomes Research:

312.693	Comparative Effectiveness and Outcomes Research
309.730	Patient Safety and Medical Errors
309.732	Organizational and Human Factors in Patient Safety
XXX.XXX	TBA: Quality Innovations and Safety Evaluation Course

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
340.763	Professional Epidemiological Methods I
340.764	Professional Epidemiological Methods II

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

Economics:

313.670	Mathematical Microeconomics
313.644	Health Economics II
313.632	Economic Evaluation III
221.644	Econometric Methods for Evaluation of Health Programs

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

309.631.81	Population Health Informatics
315.707.81	Introduction to Public Health and Biomedical Informatics
315.708.81	Standards in Health Information Systems
315.700.81	Health Sciences Informatics: Systems

2013/14 and Beyond

Once students have completed all of the required and elective coursework, they must maintain a full-time registration (12+ credits each term) for the duration of their program. 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.