

**BOSTON UNIVERSITY SCHOOL OF PUBLIC HEALTH**  
**COURSE READER AND BOOK INFORMATION**

**- SPRING 2014 -**

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**BOOKS & READERS**

All BUSPH textbooks and course readers are sold at the  
Barnes & Noble at Boston University (Charles River Campus) bookstore located at 660 Beacon St, (617) 267-8484,  
and may be ordered online: [www.BU.BNCOLLEGE.com](http://www.BU.BNCOLLEGE.com)

Barnes & Noble at Boston University is only a short ride away on the Boston University Shuttle. For BUS schedule and map visit:

[www.bu.edu/thebus](http://www.bu.edu/thebus)

Hours: 9 a.m. to 9 p.m. Monday through Friday, 10 a.m. to 6 p.m. on Saturday, and noon to 6 p.m. on Sundays for your convenience.

\*Cash, checks and major credit cards accepted

[www.BU.BNCOLLEGE.com](http://www.BU.BNCOLLEGE.com)



**COURSE WEBSITES**

Many (not all) SPH courses utilize Blackboard Learn course management software. To view course web sites from spring 2014 and previous semesters, visit:

<http://learn.bu.edu>

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This document is also available on the web:

<http://sph.bu.edu>, Student > Resources > Courses >  
Course\_Reader\_and\_Book\_Doc\_Spring 2014

It will also be available on the bookshelf located outside the Registrar's Office in the Talbot building. Students are responsible for this information.

## Spring 2013

Course	Reader	Textbooks	Pre-Assignment
<b>BS704 A1, B1:</b> Introduction to Biostatistics	No	Essentials of Biostatistics for Public Health, 2nd Ed. (Sullivan)	No
<b>BS715 A1:</b> Practical Skills for Biostatistics Collaboration	No	No Textbook	No
<b>BS720:</b> Introduction to R: software for statistical computing environment	No	<b>Optional:</b> 1. Introductory Statistics with R (Dalgaard), 2. Software for Data Analysis: Programming with R (Statistics and Computing) (Chambers)	No
<b>BS722 A1:</b> Design & Conduct of Clinical Trials	No	Fundamentals of Clinical Trials, 3rd edition (Friedman, Furberg, DeMets)	No
<b>BS723 A1, B1, C1, D1, E1, F1, G1:</b> Introduction to Statistical Computing	No	<b>One Required, One Optional Textbook:</b> <b>Required:</b> Applied Statistics and the SAS Programming Language (Cody & Smith), <b>Optional:</b> SAS System for Elementary Statistical Analysis, 2nd Edition (Schlotzhauer, Littell)	No
<b>BS775 A1:</b> Applications of Statistical Methods in Clinical Research	No	No Textbook	On Blackboard Site
<b>BS805 A1:</b> Intermediate Statistical Computing & Applied Regression Analysis	No	<b>2 Optional Textbooks:</b> 1. Applied Statistics and the SAS Programming Language (Cody & Smith), 2. Common Statistical Methods for Clinical Research with SAS examples (G Walker)	No
<b>BS820 A1:</b> Logistical Regression & Survival Analysis	No	No Textbook	No
<b>BS852 A1:</b> Statistical Methods for Epidemiology	No	<b>Optional:</b> Statistics for Epidemiology (Jewell, 2003)	No

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Course	Reader	Textbooks	Pre-Assignment
<b>BS853 A1:</b> Generalized Linear Models with Applications	No	<b>One Required, One Optional Textbook: Required:</b> Categorical Data Analysis Using the SAS System, 2nd (Stokes, Davis, Koch), <b>Optional:</b> Applying Generalized Linear Models (Lindsey)	No
<b>BS856 A1:</b> Adaptive Designs for Clinical Trials	No	<b>Optional:</b> Adaptive Design Theory and Implementation Using SAS and R (Chang)	No
<b>BS857 A1:</b> Analysis of Correlated Data	No	<b>Optional:</b> Applied Longitudinal Analysis (Fitzmaurice, Laird and Ware)	No
<b>BS860 A1:</b> Statistical Genetics II	No	No Textbook	No
<b>EH713 A1:</b> Molecular Biology & Public Health	No	No Textbook	No
<b>EH717 A1, B1, C1:</b> Foundations of Environmental Health	No	Understanding Environmental Health: How We Live in the World (Maxwell)	Read Ch. 1 and check Blackboard
<b>EH735 A1:</b> Environmental Determinants of Infectious Diseases	No	No Textbook	No
<b>EH749 A1:</b> Global Environmental Health	No	Instructor will email the class	No
<b>EH768 A1:</b> Introduction to Toxicology	No	A Textbook of Modern Toxicology (Hodgson, 4th Ed.)	No
<b>EH780 A1:</b> Great Calamities & Consequences for Public Health	No	No Textbook	Check Blackboard
<b>EH800 A1:</b> Community Based Methods in Environmental Health	No	No Textbook	Check Blackboard
<b>EH804 A1:</b> Exposure Assessment	No	No Textbook	No

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<b>EH805 A1:</b> EH Science, Policy, and Lawt	No	No Textbook	No
<b>EH866 A1:</b> Risk Assessment Methods	No	No Textbook	No
<b>EP713 A1:</b> Introduction to Epidemiology	No	Instructor will email the class	No
<b>EP713 B1, C1:</b> Introduction to Epidemiology	No	Essentials of Epidemiology in Public Health (Aschengrau & Seage, 3rd Ed.)	Read the online syllabus, study the online modules on History of Public Health and Descriptive Epidemiology, and complete the pre-class quiz and Discussion assignment. The links to the modules and details of the assignment will be posted on Blackboard Learn.
<b>EP730 A1:</b> Epidemiology of Vaccine Preventable Diseases	No	No Textbook	Instructor will email the class
<b>EP735 A1:</b> Principles of Cancer Epidemiology	No	No Textbook	No
<b>EP755 A1:</b> Infectious Disease Epidemiology	Yes	No Textbook	No
<b>EP759 A1:</b> Reproductive Epidemiology	No	No Textbook	Instructor will email the class
<b>EP762 A1:</b> Clinical Epidemiology	Yes	Clinical Epidemiology: The Essentials, 5th Ed. (Fletchers)	No
<b>EP775 A1:</b> Social Epidemiology	No	Methods in Social Epidemiology (Oakes & Kaufman. 2006)	No
<b>EP813 A1:</b> Intermediate Epidemiology	Yes	Epidemiology: An Introduction (Rothman, 2nd Ed.)	No

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<b>EP813 B1:</b> Intermediate Epidemiology	Yes	Epidemiology: An Introduction (Rothman, 2nd Ed.)	No
<b>EP817 A1:</b> A Guided Epidemiology Study	No	Essentials of Writing Biomedical Research Papers (Zeiger, 2nd Ed.)	No
<b>EP860 A1:</b> Novel Analytical Methods for Epidemiology	No	Applying Quantitative Bias Analysis to Epidemiologic Data (Lash, Fox, Fink. 2009)	No
<b>IH704 A1:</b> International Public health and Medical Care: A Systems Approach	No	No Textbook	No
<b>IH720 A1:</b> Social & Behavioral Sciences in International Public Health	Yes	Health Behavior Theory For Public Health: Principles, Foundations and Applications (Climente)	Overview and Chapter 1 (pp.1-26)
<b>IH722 A1:</b> Supply Chain Management for Improved Health System Performance	No	No Textbook	No
<b>IH741 A1:</b> International Health Consultation Techniques	No	No Textbook	See Course Website
<b>IH743 A1:</b> Implementing Health Programs in Developing Countries: Making Programs Work	No	No Textbook	See Course Website
<b>IH745 A1:</b> Monitoring & Evaluation of International Health Programs	Yes	Program Evaluation and Performance Measurement: An Introduction to Practice (McDavid. 2006)	No
<b>IH755 A1:</b> Managing Disasters & Complex Humanitarian Emergencies	No	No Textbook	No
<b>IH757 A1:</b> Fighting Corruption Through Accountability & Transparency	No	<b>Three Required:</b> 1. Corrupt Cities (Klitgaard et al), 2. Anticorruption... (Vian et al.), 3. No Longer at Ease (Achebe)	See Course Website
<b>IH762 A1:</b> Essentials of Economics and Finance	No	See Course Website	No
<b>IH770 A1:</b> Poverty, Health & Development	No	See Course Website	No

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<b>IH773 A1:</b> Financial Management for International Health	No	No Textbook	No
<b>IH777 A1:</b> Culminating Experience Writing Seminar	No	Instructor will email students	Instructor will email students
<b>IH781 A1:</b> Nutrition in Lower-Income Countries	Yes	No Textbook	No
<b>IH800 A1:</b> Clinical Development of a New Medicinal: A Case Study About Licensing a New Vaccine for the Developing World	No	No Textbook	No
<b>IH804 A1:</b> mHealth	No	No Textbook	No
<b>IH805 A1:</b> Global Control and Eradication of Infectious Diseases	No	No Textbook	No
<b>IH811 A1:</b> Applied Research Methods for International Health	No	<b>Three Required:</b> 1. Designing and Conducting Health Systems Research Projects: Volume 1 Proposal Development and Fieldwork (Varkevissier), 2. Designing and Conducting Health Systems Research Projects: Volume 2 Data Analysis and Report Writing (Varkevissier), 3. Questionnaire Research: A Practical Guide. (Patten. 3rd Ed.)	Skim Patten book
<b>IH880 A1:</b> Confronting Non-Communicable Diseases in the Developing World: Risk Factors, Costs, and Consequences	No	No Textbook	No

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<b>IH881 A1:</b> Evidence-Based Program Design for Reproductive Health	No	No Textbook	No
<b>IH888 A1:</b> Seminar on IH Policy Issues	No	Making Health Policy (Buse. 2nd Ed.)	First 3 Chapters in Text
<b>LW719 A1, B1, C1:</b> Essentials of Public Health Law	Yes	No Textbook	Class 1 Readings; Download syllabus from Blackboard
<b>LW739 A1:</b> Jewish Bioethics	No	Medicine, Ethics, and the Third Reich: Historical and Contemporary Issues. (Michalczyk. 1994)	Munson: Intro to Bioethics; Steinberg: Jewish Ethics, Secular Ethics (All on Blackboard Site)
<b>LW830 A1:</b> Health Insurance, Health Reform, and the Law	No	No Textbook	Check Blackboard Site
<b>LW840 A1:</b> Health Law, Bioethics, and Human Rights	No	Check Blackboard Site	Check Blackboard Site
<b>LW850 A1:</b> Legal Regulation of Health Risks	No	No Textbook	Class 1 Readings
<b>LW854 A1:</b> Mental Health Law	Yes	No Textbook	Class 1 Readings

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<b>MC705 A1:</b> Safer Sex in the City: From Science to Policy	No	The Wisdom of Whores: Bureaucrats, Brothels, and the Business of AIDS (Pisani),	See Blackboard
<b>MC725 A1:</b> Women, Children & Adolescents: A PH Approach	No	Random Family (LeBlanc)	Read "Random Family"
<b>MC730 A1:</b> Leading Teams to Face Challenges and Achieve Results in Public Health	No	<b>Two Required:</b> 1. Managers Who Lead (Available on PDF from <a href="http://www.msh.org">www.msh.org</a> ), 2. Leading for Results (Bragar. Available on Amazon.com as a download)	Managers Who Lead, Foreword and Ch. 2
<b>MC763 A1:</b> Maternal & Child Health Policy Making	No	Instructor will email the class	Instructor will email the class
<b>MC795 A1:</b> Adolescent Health: Understanding Public Health Risk & Opportunity	No	No Textbook	No
<b>MC800 A1:</b> Preventing Mental Health Disorders Among Women, Children and Adolescents: A life Course Perspective	No	No Textbook	No
<b>MC815 A1:</b> Sexual and Reproductive Health Advocacy: Culture, Science, and Politics	No	<b>Two Required:</b> 1. This Common Secret: My Journey as an Abortion Doctor (Wicklund), 2. The Moral Property of Women: A History of Birth Control Politics in America.	No
<b>MC845 A1:</b> Perinatal Health Services	No	No Textbook	No
<b>PH510 A1, B1:</b> Introduction to Public Health	No	Introduction to Public Health (Schneider)	See Blackboard



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<b>PH511 A1:</b> Pathogens, Poverty and Populations: An Introduction to International Health	No	Global Health 101 (Skolnik. 2011)	No
<b>PH712 A1:</b> Public Health Response to Emergencies	No	Essentials of Public Health Preparedness (Katz. 2013)	No
<b>PH728 A1:</b> Religion and Public Health	No	Bioethics in Cultural Context: Philosophy, Religion, History, Politics (Barry)	<b>In Textbook:</b> Barry: pages 1-11, <b>On Blackboard:</b> Self-Assessment
PH740 A1: Pharmaceuticals in Public Health: An Introductory Course	No	No textbook	No
<b>PH853 A1:</b> Strategic Planning and Communications	No	Planning Health Promotion Programs: An Intervention Mapping Approach ( Bartholomew et al.)	<b>In Textbook:</b> Ch. 1 and 2
<b>PH854 A1:</b> Program and Policy Evaluation	No	No textbook	No
<b>PH866 A1:</b> Public Health Leadership Seminar	No	No textbook	No
<b>PM702 A1:</b> Introduction to Health Policy and Management	No	Understanding Health Policy, 6th (Bodenheimer/ Grumbach)	No
<b>PM702 B1:</b> Introduction to Health Policy and Management	No	Understanding Health Policy, 5th (Bodenheimer/ Grumbach)	<b>In Textbook:</b> Ch. 1, <b>On Blackboard:</b> Readings for first class.
<b>PM721 A1, B1:</b> Organizational Behavior in Health Care	No	Reframing Organizations (Bolman and Deal. 5th Ed.)	Class 1 Readings
<b>PM734 A1, B1:</b> Principles of Non-Profit Accounting	No	HFMA's Introduction to Hospital Accounting (Nowicki. 2011)	No
<b>PM735 A1:</b> Health Care Finance	No	No Textbook	See Course Website

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<b>PM740 A1:</b> Comparative Health Systems and Policy in Industrialized and BRIC Countries	No	<b>Two Required:</b> 1. Comparative Health Policy (Blank and Burau, 3rd Ed.), 2. Medicine and Culture (Payer. 1996)	Class 1 Readings
<b>PM755 A1:</b> Health Care Delivery Systems	No	No Textbook	Instructor will email class
<b>PM807 A1:</b> Introduction Cost Effectiveness Analysis	Yes	Instructor will email the class	Instructor will email the class
<b>PM810 A1:</b> American Government and Health Policy	No	Governing Health: The Politics of Health Policy (Weissert and Weissert. 3rd Ed.)	See Course Website
<b>PM811 A1:</b> Health Services Research & Methods	Yes	Experimental and Quasi-experimental Designs for Generalized Causal Inference (Shadish, Cook, Campbell)	No
<b>PM818 A1:</b> Health Information Technology	No	No Textbook	No
<b>PM826 A1:</b> Health, Illness and The Use of Health Services	No	No Textbook	No
<b>PM827 A1:</b> Strategic Management of Healthcare Organizations	No	No Textbook	No
<b>PM832 A1, B1:</b> Operations Management	No	No Textbook	No
<b>PM833 A1, B1:</b> Health Economics	No	No Textbook	No
<b>PM835 A1:</b> Lean Management	No	Instructor will email the class	No
<b>PM838 A1:</b> Health Policy and Politics	Yes	Check Course Website	No
<b>PM855 A1:</b> Cost Effectiveness and Decision Analysis	No	<b>Two Required:</b> 1. Causation: Models, Reasoning and Inference, 2nd Ed. (Pearl), 2. Economic Evaluation in Health Care: Merging Theory with Practice (Drummond and McGuire)	Epilogue in Pearl; Chapter 1 in Drummond and McGuire (by McGuire)

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Course	Reader	Textbooks	Pre-Assignment
<b>SB721 A1, C1:</b> Social & Behavioral Sciences for Public Health	No	Social and Behavioral Foundations for Public Health (Coreil. 2nd Ed.)	Chapters 1, 2, and 3
<b>SB721 B1:</b> Social & Behavioral Sciences for Public Health	Yes	Predictably Irrational: The Hidden Forces That Shape Our Decisions (Ariely)	No
<b>SB 760 A1:</b> The Health of LGBT Populations	No	No Textbook	No
<b>SB806 A1:</b> Communications Strategies for Public Health	No	Designing Health Messages: Approaches from Communication Theory and Public Health Practice (Maibach)	No
<b>SB813 A1:</b> Designing and Evaluating Websites for Public Health Interventions	No	Don't Make Me Think: A Common Sense Approach to Web Usability (Krug. Third edition ONLY)	No
<b>SB818 A1:</b> Qualitative Research Methods	No	<b>Two Required:</b> 1. Qualitative Research & Evaluation Methods (Michael Quinn Patton). 2. Research Design and Methods For Studying Cultures.	Chapters 1, 2, and 3
<b>SB820 A1, B1:</b> Assessment & Planning for Health Promotion	No	No Textbook	No
<b>SB821 A1, B1:</b> Intervention Strategies for Health Promotion	No	Planning Health Promotion Programs: An Intervention Mapping Approach (Bartholomew)	Instructor will email the class
<b>SB822 A1, B1:</b> Quantitative Methods for Program Evaluation	No	The Practice of Health Program Evaluation (Grebowski)	No