

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

- FALL 2014 -

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

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

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



COURSE WEBSITES

Most SPH courses utilize Blackboard Learn course management software. To view course web sites from spring 2014 and previous semesters, visit:

<http://learn.bu.edu>

This document is also available on the web:
<http://sph.bu.edu>, Students > Resources > Courses > Course_Reader_and_Book_Doc_Fall 2014

Students are responsible for this information.

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Course	Reader	Textbooks	Pre-Assignment
BS704 A1, B1, C1, D1, E1: Introduction to Biostatistics	No	Essentials of Biostatistics for Public Health, 2nd Ed. (Sullivan)	No
BS720 A1: Introduction to R: software for statistical computing	No	One Required: Introductory Statistics with R (Dalgaard), One Optional: Software for Data Analysis: Programming with R (Chambers)	No
BS722 A1: Design & Conduct of Clinical Trials	No	Fundamentals of Clinical Trials, 3rd edition (Friedman, Furberg, DeMets)	In Textbook: Read Chapters 3 & 4; On Blackboard: Article and questions for first day of class
BS723 A1, B1, C1, D1, E1: Introduction to Statistical Computing	No	One Required, One Optional Textbook: Required: Applied Statistics and the SAS Programming Language (Cody & Smith), Optional: SAS System for Elementary Statistical Analysis, 2nd Edition (Schlotzhauer, Littell)	No
BS728 A1: Public Health Surveillance, A Methods Based Approach	No	No Textbook	No
BS805 A1, B1: Intermediate Statistical Computing and Applied Regression Analysis	No	No Textbook	No
BS810 A1: Meta-analysis for Public Health and Medical Research	No	No Textbook	No
BS821 A1: Categorical Data Analysis	No	Fundamentals of Biostatistics, 6th Edition (Rosner)	No
BS845 A1: Applied Statistical Modeling and Programming with R	No	No Textbook	No
BS852 A1: Statistical Methods in Epidemiology	No	Optional: Statistics for Epidemiology (Jewell)	No
BS855 A1: Bayesian Methods for Biomedical Research in Public Health	No	The Bugs Book: A Practical Introduction to Bayesian Statistics (Lunn et.al., 2013)	No
BS858 A1: Statistical Genetics	No	Optional: 1. Statistical Methods in Genetic Epidemiology (Thomas), 2. Genetic Analysis of Complex Disease (Haines)	No
BS861 A1: Applied Statistics in Clinical Trials II	No	No Textbook	No

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Course	Reader	Textbooks	Pre-Assignment
EH710 A1: Physiologic Principles in Public health	No	Vander's Human Physiology 13E (Widmaier), ISBN 9780077510251. For further information please see course Blackboard site.	Vander Text Chapters 1 and 2
EH717 A1, B1, C1, D1: Introduction to Environmental Health	No	Understanding Environmental Health: How We Live in the World, 2nd Ed. (Maxwell NI)	Will Be Posted to Blackboard Site
EH725 A1: Analytical Methods in Environmental Health	No	Understanding Environmental Health: How We Live in the World, 2nd Ed. (Maxwell NI)	In Textbook: Ch. 1; On Blackboard: First Class Readings
EH745 A1: Wastewater & Health/ Sustainable Sanitation	No	No Textbook	No
EH750 A1: Water Quality and Public Health	No	No Textbook	No
EH757 A1: Environmental Epidemiology	No	No Textbook	No
EH811 A1: Geographic Information Systems (GIS) in Public Health	No	Optional: Getting to Know ArcGIS desktop, 3rd Edition (Tim Ormsby)	No
EH840 A1: Intermediate Toxicology	No	No Textbook	Reading for Topics 1 & 2
EH914 A1: Doctoral Seminar in Environmental Health	No	No Textbook	No
EP713 A1, B1, C1, D1, E1: Introduction to Epidemiology	No	Essentials of Epidemiology in Public Health, 3rd Edition (Aschengrau & Seage)	In Textbook: Chapters 1 & 2; On Blackboard: LaMorte modules
EP721 A1: Survey Methods for Public Health	No	4 Required: 1. Survey Research Methods, Volume 1 (FJ Fowler), 2. The Science of Self-Report (Stone, A. et al), 3. Standardized Survey Interviewing (Fowler & Mangione), 4. Introduction to Survey Sampling (G Kalton).	No

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Course	Reader	Textbooks	Pre-Assignment
EP748 A1: Drug Epidemiology	No	No Textbook	Class 1 readings on Blackboard
EP751 A1: Cardiovascular Epidemiology	No	No Textbook	No
EP755 A1: Infectious Disease Epidemiology	Yes	No Textbook	Fauci reading as listed in syllabus
EP759 A1: Reproductive Epidemiology	No	On Reserve in Library	No
EP763 A1: Genetic Epidemiology	No	No Textbook	No
EP764 A1: The Epidemiology of HIV/AIDS in the Developed and Developing Worlds	No	No Textbook	No
EP784 A1: The Epidemiology of Tuberculosis in the Developed and Developing Worlds	No	No Textbook	No
EP800 A1: Microbes and Methods: Selected Topics in Outbreak Investigation	Yes	No Textbook	No
EP813 A1: Intermediate Epidemiology	No	Epidemiology: An Introduction (Rothman)	No
EP854 A1: Advanced Epidemiology	Yes	Modern Epidemiology, 3rd Edition (Rothman, Greenland, Lash)	In Textbook: Chapter 3 (especially pp. 34-40, 46-49, Chapter 4 (especially pp. 51-55, 69)
EP857 A1: Design and Conduct of Cohort Studies	No	On Reserve in Library	No
EP858 A1: Design and Conduct of Case Control Studies	No	Modern Epidemiology, 3rd Edition (Rothman, Greenland, Lash)	No

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IH702 A1, B1: Skills in Critical Analysis and Evidence-Based Writing for Public Health Professionals	No	No Textbook	No
IH703 A1: Global Public Health: History, Approaches, and Practices	No	No Textbook	No
IH704 A1: International Public Health and Medical Care: Asystems Approach	No	No Textbook	Survey assignment for first session
IH720 A1, B1: Social & Behavioral Sciences in International Health	No	Health Behavior Theory For Public Health: Principles, Foundations, and Applications (DiClemente)	Instructor will email class
IH735 A1: Gender, Sexuality, Power & Inequity in International Health	No	No Textbook	No
IH743 A1: Implementing Health Programs in Developing Countries: Making Programs Work	No	No Textbook	No
IH745 A1: Monitoring & Evaluation of IH Programs	No	Real World Evaluation: Working Under Budget, Time, Data and Political Constraints (Bamberger et.al., 2012)	No
IH756 A1: Analytical Methods for Pharmaceutical Systems Assessment	No	No Textbook	No
IH766 A1: Sexual and Reproductive Health in Disaster Settings	No	No Textbook	No

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IH773 A1: Financial Management in Global Health	<p>No</p>	<p>No Textbook</p>	<p>Please complete pre-test online before doing readings for this session. Gruen and Howarth. "Introduction to Financial Management", Chapter 1 (pages 7-17) and "Financial and Management Accounting", Chapter 2 (pages 21-29) from Gruen & Howarth's Financial Management in Health Services (because book is now out of print, this is available on web site). • Wolff, Suttentfield, and Binzen. "Managing Your Finances", Ch. 9, p. 279-281 in The Family Planning Manager's Handbook, MSH. 1991 (available on Blackboard).</p>
IH777 A1: Culminating Experience Seminar	<p>No</p>	<p>Instructor will email class</p>	<p>Instructor will email class</p>
IH795 A1: Global AIDS Epidemic: Social & Economic Determinants, Impact & Responses	<p>No</p>	<p>No Textbook</p>	<p>Class 1 Readings</p>
IH808 A1: Research Proposal Development: A Practical Approach to Team Grant Writing	<p>No</p>	<p>Research Proposal Development: A Practical Approach to Team Grant Writing (Stokes)</p>	<p>Instructor will email class</p>
IH854 A1: From Data to Dashboards: Building Excel Skills to Support Health Program Decisions	<p>No</p>	<p>2 Required: 1. Excel Dashboards and Reports, 2nd Edition (Alexander & Walkenbach) 2. Microsoft Excel 2010: Data Analysis and Business Modeling (Winston)</p>	<p>Read the Introduction, Chapter 1, and h) Chapter 2 of Excel Dashboards and Reports. Also see Blackboard site for pre-assignment (coming soon).</p>
IH885 A1: Global Trade, Intellectual Property and Public Health	<p>No</p>	<p>No Textbook</p>	<p>No</p>
IH887 A1: Planning and Managing MCH Programs in Developing Countries (emphasis on child health)	<p>No</p>	<p>No Textbook</p>	<p>No</p>

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Course	Reader	Textbooks	Pre-Assignment
LW719 A1, B1, C1: Essentials of Public Health Law	No	No Textbook	Read through syllabus and class 1 readings.
LW725 A1: Ethical Issues in Medicine and Public Health	No	Intervention & Reflection: Basic Issues in Medical Ethics (Munson)	Read: Munson pgs. 860-915 - Foundations of Bioethics; Medical Ethics: Substance, Theory, Content and Procedure; Questions for Policy Makers; Writing a Medical Ethics Paper; Argumentation; A Little Logic
LW740 A1: Health & Human Rights	No	Health and Human Rights in a Changing World (Grodin, Tarantola, Annas, & Gruskin)	In Textbook: Read Introduction & Part I, Chapters 1-3; Pages 1-61; On Blackboard: Read through syllabus
LW751 A1: Public Health Law	Yes	No Textbook	Class 1 readings
MC725 A1: Women, Children and Adolescents: Public Health Approaches	No	Random Family (LeBlanc)	Read Random Family
MC759 A1: Perinatal Epidemiology	No	No Textbook	No
MC775 A1: Health Disparities & Vulnerable Populations	No	No Textbook	No
MC786 A1: Immigrant Family Health: Public Health Across Borders	No	No Textbook	The Spirit Catches You and You Fall Down (Fadiman)
MC802: Leading Community Health Initiatives: Medicine and Public Health as Partners	No	No Textbook	Class 1 Readings
MC820: MCH Program Planning, Implementation, and Management	No	Two Required: 1. Essentials of Management and Leadership in Public Health (Burke & Friedman); 2. Mistakes I Made at Work (Bacal)	Read Mistakes I Made at Work
MC840: Women and Health Policy: Gender, Evidence, and Politics	No	No Textbook	Class 1 Readings

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Course	Reader	Textbooks	Pre-Assignment
PH510 A1, B1: Introduction to Public Health	No	Introduction to Public Health (Schneider)	Class 1 Readings
PH709 A1: The Biology of Public Health	No	No Textbook	No
PH740 A1: Pharmaceuticals in Public Health: An Introductory Course	No	No Textbook	No
PH825 A1: Human and Environmental Factors Influencing the Emergence and Re- Emergence of Infectious Diseases	No	The Role Of Human & Environmental Factors in Emerging & Reemerging Infectious Diseases (Cowan)	In Textbook: Chapter 13; On Blackboard: Class 1 Readings
PH851 A1: Needs Assessment	No	Planning Health Promotion Programs. An Intervention Mapping Approach, 3rd Edition (Portholemon)	No
PH856 A1: Health Law & Ethics for Public Health Leaders	No	Public Health Ethics: Theory, Policy & Practice (Bayer et al)	Class 1 Readings
PH857 A1: Health Economics & Financial Management for Public Health	Yes	Required: 1.Intro. To Health Economics, 2nd Ed. (Guiness et al)	Introduction & Chapters 1&2
PH858 A1: Health Economics & Financial Management for Public Health	Yes	Two Required: 1.Intro. To Health Economics, 2nd Ed. (Guiness et al), 2.Health Behavior Theory for Public Health: Principles, Foundations and Applications	Introduction & Chapters 1&2
PH866 A1: Public Health Leadership Seminar	No	No Textbook	No
PM702 A1, B1, C1: Introduction to U.S. Health Policy, Delivery & Management	No	Understanding Health Policy, 6th Edition (Bodenheimer) <i>-Electronic Copy Available through BU Library-</i>	Class 1 Readings: Readings and a pre-class quiz due at 12 noon on day of first class.
PM721 A1 & B1: Organizational Behavior & Health Management	No	Reframing Organizations (Bolman & Deal)	Instructor will email class
PM736 A1: Human Resource Management	No	Two Required: 1. Getting to Yes: Negotiating Agreement Without Giving In, 3rd. Ed. (Fisher, Ury & Rattton), 2. The Healthcare Manager's Human Resources Handbook, 2nd Ed. (McConnell).	Class 1 Readings

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PM755 A1: The Shape of Healthcare Delivery	No	No Textbook	Instructor will email class
PM758 A1: Introduction to Mental Health Services	<i>Class meets 10/28-12/16</i> Contact Instructor:	Contact Instructor: ken@nami.org	Contact Instructor: ken@nami.org
PM776 A1: Managerial Skills for Problem Solving	Yes	4 Required Textbooks: 1. The Fifth Discipline (Senge), 2. The Fifth Discipline Field Book (Senge), 3. Immunity to Change: How to Overcome It and Unlock the Potential in Yourself and Your Organization, 4. Difficult Conversations (Stone, Patton & Heen); Optional: 1. How to Make Meetings Work (Doyle & Strauss)	Instructor will email class
PM780 A1: Managerial Accounting for Healthcare Leaders	No	Instructor will email class	Instructor will email class
PM802 A1: Pharmaceutical Management, Policy and Practice in the 21st Century: A Case Study Approach	No	No Textbook	No
PM814 A1: Contemporary Theoretical and Empirical Issues in Health Services Research	No	No Textbook	No
PM827 A1: Strategic Management of Healthcare Organizations	No	Case in Point: Complete Case Interview Preparation, 8th Ed. (Coesntino)	No
PM828 A1: Advanced Seminar Qualitative Research Methods for Health Services Research	No	Interpreting Qualitative Data: Methods for analyzing talk, text and interaction, 3rd Edition (Silverman)	Class 1 Readings
PM831 A1: Implementation Research and Implementation Science: Conceptual Basis for Linking Research and Practice in Health Services Research	No	No Textbook	Class 1 Readings

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Course	Reader	Textbooks	Pre-Assignment
PM832 A1: Operations Management in Healthcare	No	No Textbook	No
PM833 A1: Health Economics	No	Health Economics: Theories, Insights, and Industry Studies (Santerre, Neun)	No
PM834 A1: Health Regulation and Planning	No	No Textbook	No
PM837 A1: Evaluating Health Care Quality	No	No Textbook	Class 1 Readings
PM840 A1: Analysis of Current Health Policy Issues	No	No Textbook	Will be emailed to class
PM850 A1: Organizing for Health System Change	No	No Textbook	Class 1 Readings
SB710 A1: Nutrition and Public Health	No	Eat, Drink & Be Healthy (Willett)	No
SB721 A1: Social and Behavioral Sciences for Public Health	No	Essentials of Health Behavior. Social and Behavioral Theory in Public Health, 2nd Ed. (Edberg)	No
SB721 B1: Social and Behavioral Sciences for Public Health	No	Essentials of Health Behavior. Social and Behavioral Theory in Public Health, 2nd Ed. (Edberg)	Class 1 Readings
SB721 C1: Social and Behavioral Sciences for Public Health	No	Essentials of Health Behavior. Social and Behavioral Theory in Public Health, 2nd Ed. (Edberg)	Class 1 Readings
SB721 D1: Social and Behavioral Sciences for Public Health	Yes	Predictably Irrational: The Hidden Forces That Shape Our Decisions (Ariely)	No
SB733 A1: Mass Communication and Public Health	Instructor will email students	Instructor will email class	Instructor will email class

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SB760 A1: Health of LGBT Populations	Instructor will email students	Instructor will email class	Instructor will email class
SB780 A1: Mental Health & Public Health: A Social and Behavioral Sciences Perspective	No	The Sociology of Mental Disorders, 9th Ed. (Cockerham)	No
SB800 A1: The Obesity Epidemic: Moving from Individual and Environmental and Policy Approaches for Promoting Physical Activity and Healthy Eating	No	Instructor will email class	Instructor will email class
SB818 A1: Qualitative Research Methods	No	Qualitative Research & Evaluation Methods (Quinn Patton)	In Textbook: Chapter 1, Chapter 2, Chapter 3
SB820 A1: Assessment and Planning for Health Promotion	No	No Textbook	No
SB821 A1: Intervention Strategies for Health Promotion	No	Planning Health Promotion Programs: An Intervention Mapping Approach (Bartholomew)	No
SB822 A1, B1: Quantitative Methods for Program Evaluation	No	Instructor will email class	Instructor will email class
SB860 A1: Strategies for Public Health Advocacy	No	2 Required: 1. The DeMarco Factor: Transforming Public Will Into Political Power (Pertschuk), 2. Don't Think of an Elephant! Know Your Values and Frame the Debate (Lakoff). 2 Optional: 1. The Dance of Legislation (Redman), 2. Making Policy Making Change (Themba).	Various Short Articles