

SOGSR Required Textbooks 2013

MSPH Core Courses

Course	Textbook
Epidemiology I	1. Gordis, Leon (2009). <u>Epidemiology</u> (4 th ed.). Philadelphia: Saunders Elsevier.
Biostatistics I	1. Gerald van Belle, Lloyd D. Fisher, Patrick J. Heagerty, and Thomas Lumley. <u>Biostatistics: A Methodology for the Health Sciences</u> (2 nd edition), John Wiley & Sons, Inc.
Health Behavior	1. Glanz, K., Rimer, B.K., & Viswanath, K.V. (Eds.) 2008. <u>Health behavior and health education: Theory, research, and practice</u> (4 th ed): John Wiley & Sons
Research Design	1. Cottrell, R. and McKenzie, J. <u>Health Promotion and Education Research Methods: Using the Five-Chapter Thesis/Dissertation Model</u> . Boston: Jones and Bartlett Publishers, 2010. (Green Hardback)
Health Administration	1. Longest, Beaufort et. al., <u>Managing Health Services Organizations and Systems</u> , Health Professional Press, 2008.
Environmental Health	1. <u>Essentials of Environmental Health</u> , 2nd Edition/ by Robert H. Friis, Jones and Bartlett Publishers, Inc. 2010
Health Care Seminar	1. Bernard Turnock, <u>Public Health: What Is It and How It Works</u> . Fourth edition William A. Sabin, The Gregg Reference Manual, 9 th edition.

MSPH Elective Courses

Course	Textbook
Epidemiology II	1. Gordis, Leon (2009). <u>Epidemiology</u> (4 th ed.). Philadelphia: Saunders Elsevier. 2. Szklo, Moyses & Nieto, F. Javier (2007). <u>Epidemiology: Beyond the Basics</u> (2 nd ed.). Boston: Jones and Bartlett.
Foundations of Global Health	1. Merson MH, Black RE, Mills AJ, eds. <u>International Public Health, Diseases, Programs, Systems, and Policies</u> , 2nd edition. Sudbury MA: Jones and Bartlett Publishers, 2006.
Biostatistics II	1. Gerald van Belle, Lloyd D. Fisher, Patrick J. Heagerty, and Thomas Lumley. <u>Biostatistics: A Methodology for the Health Sciences</u> (2 nd edition), John Wiley & Sons, Inc.

Data Management	<ol style="list-style-type: none"> 1. Cody, R. P., & Smith, J. K. (2006). <u>Applied statistics and the SAS® programming language</u> (5th ed.). Upper Saddle River, NJ: Pearson Prentice Hall.
Health Law, Policy, Ethics	<ol style="list-style-type: none"> 1. Goodman, Richard A. and Hoffman, Richard E. <u>Law in Public Health Practice</u> 2nd Edition, Oxford University Press, Inc., 2007. 2. Danis, Marion. <u>Ethical Dimensions of Health Policy</u>, Oxford University Press, Inc., 2006.
Health Care Finance	<ol style="list-style-type: none"> 1. Gapenski, Louis C., <u>HealthCare Finance: An Introduction to Accounting and Financial Management</u>, 4th Edition, Health Administration Press, AUPHA, Chicago, Arlington, VA, 2008. 2. Cleverley, William O, and Cameron, Andrew E, <u>Essentials of Healthcare Finance</u> Sixth Edition, Jones and Bartlett Publishers, 2007.
Health Economics	<ol style="list-style-type: none"> 1. Folland, S., Goodman, A.C., Stano, M. <u>The Economics of Health and Health Care</u>, 6th Ed. Prentice Hall, Inc., 2009/2010
Health Promotion Health Education	<ol style="list-style-type: none"> 1. McKenzie, J.F., Neiger, B. & Thackery, R. (2009). <u>Planning, implementing and evaluating health promotion programs: A Primer</u>. 5th ed.
Informatics for Global Health	<ol style="list-style-type: none"> 1. Shortliffe, Edward, and James Cimono, eds. 2006. <u>Biomedical Informatics: Computer Applications in Health Care and Biomedicine</u>, New York, NY: Springer.
Leadership in Global Health	<ol style="list-style-type: none"> 1. Len Leritz, <i>Real Time Commitment Workbook</i>.
Managed Care	<ol style="list-style-type: none"> 1. Kongstvedt, Peter R., <u>Managed care: What It Is and How It Works</u>, 3rd Edition (Jones and Bartlett, Publishers) 2. Kongstvedt, Peter R., <u>Essentials of Managed Health Care</u>, 5th Edition, (Jones and Bartlett Publishers). 3. Kongstvedt, Peter R., <u>A Study Guide to Essentials of Managed Health Care</u>, 6th Edition (Jones and Bartlett).
Strategic Management	<ol style="list-style-type: none"> 1. Ginter, Peter M., Swayne, Linda F., Duncan, W. Jack, <u>Strategic Management of Healthcare Organizations</u>, 5th Edition, (Blackwell Publishers, 2006)
Health Care Accounting	<ol style="list-style-type: none"> 1. Finkler, Steven A. and Ward, David M., <u>Essentials of Cost Accounting for Health Care Organizations</u>, Aspen Publications, 1999.
Health Planning	<ol style="list-style-type: none"> 1. Hale, Charles D, Arnold, Frank and Travis, Marvin T, <u>Planning and Evaluation Health Programs: A Primer</u> (Delmar Publishers, Inc., 1994) 2. Green, Andrew T, <u>Introduction to Health Planning in Developing countries</u>, 2nd Edition, (Oxford University Press, Carey, North Carolina).

	3. Dever, G.E. Alan, <u>Community Health Analysis, Global Awareness at the Local Level</u> , 2 nd Edition, An Aspen Publication
Occupational Health I	1. <u>Occupational Health, Recognizing and Preventing Work Related Disease</u> , by Levy and Wegman, 5 th Edition (2006).
Occupational Health II	1. <u>Current Occupational and Environmental Medicine</u> by Joseph Ladou 4 th Edition
Occupational Toxicology	1. Casarett and Doull's: <u>Toxicology; The Basic Science of Poisons</u> , 7th edition, McGraw-Hill, NY, NY, 2008.
Program Evaluation	1. Quinton E. Baker, Denise A. Davis, Ron Gallerani, Victoria Sanchez and Claire Viadro: <u>An Evaluation Framework for Community Health Programs by the Center for the Advancement of Community Based Public Health, Supported by the Centers for Disease Control</u> , June 2000. 2. John Ovretveit: <u>Evaluating Health Interventions</u> , Open University Press, 1998
Industrial Hygiene	1. <u>Basics of Industrial Hygiene</u> , Debra K. Nims, Publisher: Wiley, John & Sons, January 1999

PhD Core Courses

Course	Textbook
Biomedical Sciences IA & IIA	1. Nelson, D.L. and Cox, M.M. Lehninger: <u>Principles of Biochemistry</u> , 5 th Edition 2. Berg, J., Tymoczko, J. and Stryer, L. <u>Biochemistry</u> , 5 th Edition 3. Voet, D. and Voet, J.G. <u>Biochemistry</u> , 4 th Edition 4. Alberts, B., Johnson, A., Lewis, J., Raff, M. and Roberts, K. <u>Molecular Biology of the Cell</u> , 5th Edition
Introduction to Laboratory Research	1. Adams, Howard G. <u>Mastering the PhD Process: Tips for Surviving and Excelling in a Doctoral Program</u> . 2006. H.G. Adams & Associates, Inc. 2. Barker, Kathy. <u>At the Bench: A Laboratory Navigator</u> . Updated Edition. 2005. Cold Spring Laboratory Press. 3. <u>Committee on Science, Engineering and Public Policy. On Being a Scientist: A Guide to Responsible Conduct of Research</u> . Third Edition. 2009. National Academies Press. (available free online at http://www.nap.edu/)
Scientific Communications	1. Strunk, William and E. B. White, Jr. <u>The Elements of Style</u> , 4 th ed. New York: Longman, 2000.

Introduction to Biostatistics	1. Motulsky H. <u>Intuitive Biostatistics</u> , Oxford University Press, New York, 1995.
-------------------------------	------------------------------------------------------------------------------------------

PhD Elective Courses (Most Textbooks are Recommended and Not Required)

Course	Textbook
Cancer Biology I	<ol style="list-style-type: none"> 1. Mendelsohn et al. <u>The Molecular Basis of Cancer</u> (2nd Edition) 2. S. Pelengaris and M. Karin. <u>The Molecular Biology of Cancer</u>, 2006
Advanced Topics in Biochemistry	<ol style="list-style-type: none"> 1. Gomperts, B., Kramer, I. and Tatham, P. <u>Signal Transduction</u>, 2nd Edition.
Drug Metabolism & Pharmacokinetics	<ol style="list-style-type: none"> 1. Klassen, C. (2007). Casarett & Doull's <u>Toxicology: The Basic Science of Poisons</u>, Seventh Edition. McGraw-Hill Professional. 2. Shargel, L. Wu-Pong, S. and Yu, A. (2004). <u>Applied Biopharmaceuticals & Pharmacokinetics</u>, Fifth Edition. McGraw-Hill Medical. 3. Bruton, L.L. (2010). <u>Goodman and Gilman's: The Pharmacological Basis of Therapeutics</u>, Twelfth Edition. McGraw-Hill Professional.
Occupational Toxicology	<ol style="list-style-type: none"> 1. Casarett & Doull's <u>Toxicology: The Basic Science of Poisons</u>, Seventh Edition. McGraw-Hill Professional. , NY, NY, 2008.
Advanced Topics in Molecular Parasitology	<ol style="list-style-type: none"> 1. Burton J. Bogitsh, Clint E. Carter, and Thomas N. Oeltmann. <u>Human Parasitology</u>, Third Edition (Hardcover - Feb 25, 2005) 2. Bernard E. Matthews. <u>An Introduction to Parasitology (Studies in Biology)</u> (Paperback - May 28, 1998) 3. G. H. Coombs and S. L. Croft. <u>Molecular Basis of Drug Design and Resistance (Parasitology)</u> (Paperback - Jun 4, 1998) 4. Joseph Marr, Tim W. Nilsen, and Richard W. Komuniecki. <u>Molecular Medical Parasitology</u> (Hardcover - Dec 2002)
Role of Microorganisms in Living world	<ol style="list-style-type: none"> 1. Needham et al., <u>Intimate Strangers</u>, ASM press, 2005 2. Jawetz et al., <u>Microbiology</u>, Lang Publishers
Molecular Biology of Animal Viruses	<ol style="list-style-type: none"> 1. J. M. Coffin, S. H. Hughes, H. E. Varmus. <u>Retroviruses</u>, Cold Spring Harbor Laboratory Press, 1997. Recommended. 2. Flint. S. J., L. W. Enquist, V. R. Racaniello, A. M. Skalka. <u>Principles of Virology: Molecular Biology, Pathogenesis,</u>

	<p><u>and Control of Animal Viruses</u>, ASM Press, 2003</p> <p>3. Nigel Dimmock, Andrew Easton, and Keith Leppard, <u>Introduction to Modern Virology</u>, Blackwell Publishing Limited; 6 edition (January 1, 2007)</p>
Fundamentals of Virology	<p>1. Flint. S. J., L. W. Enquist, V. R. Racaniello, A. M. Skalka. <u>Principles of Virology</u>, 3rd Edition.</p> <p>2. Fields, B.N., Knipe, D.M., Howley, P.M. <u>Fields Virology</u>, 5th Edition.</p>
Fundamentals in Immunology	<p>1. Parham, P. <u>The Immune System</u>, 3rd Edition, Garland Science</p>
Neuropharmacology	<p>1. Nessler, E., Hyman, S. and Malenka, R. <u>Molecular Neuropharmacology: A Foundation for Clinical Neuroscience</u>, 2nd Edition.</p>
Graduate Neuroscience	<p>1. Purves, D., Augustine, G., Fitzpatrick, D., Hall, W., LaMantia, A-S. McNamara, J. and White, L. <u>Neuroscience</u>, 4th Edition.</p>