Page 5 – MPH Competencies

Public Health Biology Competencies - Changes

1. Describe the ecological principles that determine the distribution of infectious disease in human populations.

2. Explain the role of genetic determinants in human disease and disease susceptibility caused by infectious agents, nutritional deficiencies and exposure to toxic agents, and in microbial virulence.

3. Describe the biological bases, e.g. molecular, cellular and physiological for the major determinants of human disease including infectious disease, nutritional deficiencies, and responses relevant to human disease that result from exposure to environmental agents.

4. Apply principles of human immune system function to explain the rationale and mode of action of existing and potential methods of immunization.

5. Apply biological principles to development of disease prevention, control, or management programs.

6. Apply biological principles to assessment of risk from potentially hazardous agents and behaviors.

Page 10/11 – Management Sciences Core Area Course Options

221.722: Quality Assurance Management Methods for Developing Countries (4) [onsite & online]. New option.

305.607 Public Health Practice. This course will be offered onsite in the 4th term (instead of 2nd term) and offered online in the 4th term.

Page 14/15 – Online Courses

New Online Courses
180.620: Nutritional Health, Food Production, and the Environment (2 units), 2nd term
340.619: Global Tobacco Control (3 units), 2nd term

Course Cancellation
380.726: Problem Solving for Immunization Programs (2nd term) [_cancelled]

Course Term Changes
221.688: Social & Behavioral Foundations of Primary Health Care (4 units). Moved from Summer term TO 2nd term.
313.790: Understanding Cost-Effectiveness Analysis in Health Care (2 units). Moved from 3rd term TO 2nd term.

Course Name Change
260.626: The Sexually Transmitted Infections course name has been changed TO STI Prevention: Using Epidemiology to Inform Policy and Program (4 units), 4th term.

Page 16 – Intensive Learning Institutes

Page 17 – Course Offerings Outside of Baltimore
New link for Montgomery County Campus Resources: [http://www.jhsph.edu/academics/degreeprograms/mph/current_students/montgomery_county_resources.html](http://www.jhsph.edu/academics/degreeprograms/mph/current_students/montgomery_county_resources.html)
New link for Montgomery County Campus course schedule: [http://www.jhsph.edu/academics/degreeprograms/mph/mcc_courses.html](http://www.jhsph.edu/academics/degreeprograms/mph/mcc_courses.html)

Page 18 – MPH Individualized Goals Analysis Requirement
New link for MPH Goals Analysis webpage: [http://www.jhsph.edu/academics/degreeprograms/mph/current_students/goals.html](http://www.jhsph.edu/academics/degreeprograms/mph/current_students/goals.html)

Page 28 – MPH Capstone Project
New link for MPH Capstone Project webpage: [http://www.jhsph.edu/academics/degreeprograms/mph/current_students/capstone.html](http://www.jhsph.edu/academics/degreeprograms/mph/current_students/capstone.html)

Page 29 – Getting Advice, Mentoring and Your Questions Answered
New link for MPH Student Manuals webpage: [http://www.jhsph.edu/academics/degreeprograms/mph/current_students/student_manuals.html](http://www.jhsph.edu/academics/degreeprograms/mph/current_students/student_manuals.html)
New link for Student Assistance Program: [http://www.jhu.edu/sap/](http://www.jhu.edu/sap/)