## Core Competencies Revised September 2016
### Master of Science Global Health Policy and Management Program

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<th>Goal</th>
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<th>Course(s) Covering Topic</th>
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| 1. Analytical Skills<br>Students will have a broad understanding of some of the basic analytical tools that they can use to assist them in making health policy decisions. | **Students will learn the basic underlying assumptions in statistics and regression analysis to assist in policymaking decisions.**<br>- They will learn how to manipulate a dataset to produce needed statistics for analysis.<br>- They will learn about how to read and understand some of the most widely used analytical techniques and results.  
**Students will learn the basic tenets of microeconomic theory and be able to apply them to many health economic issues.**<br>- Understand why we need to know health economics to understand the health system and how it impacts policy decisions.<br>- Understand when and how the market fails in the health care and health system setting.<br>- Apply health economic principles to the many questions we ask in the development setting.  
**Students will learn understand the basic tenets of cost-effectiveness analysis.**<br>- Understand the basic theory and methodology behind cost effectiveness analysis<br>- Use the skills to understand policy and make country-level decisions | HS 404b Applied Regression Analysis  
HS 405a Applied Econometrics  
HS402f MS Research Methods  
HS 349f Introduction to Health Economics  
HS 330f International Health Economics  
HS 340f Advanced Health Economics  
HS 422f Cost Effectiveness  
HS 422f Advanced Cost Effectiveness |
| 2. Design and Financing of Health Systems<br>Students will learn what a health system is and the major frameworks that are used to analyze the functioning and design of a health system as well as how health systems are financed | **Students will be able to understand and apply different frameworks to understand how health systems are organized and to understand what affects their performance.**  
**Students will understand how resources are mobilized for health systems around the world and how these funds are used to pay facilities and providers.** | HS 236a International Health Systems and Development  
HS 229f International Health Financing |
### 3. Theory to Practice
Students will learn the best techniques to improve health systems through real-world examples, tackling problems related to leadership, monitoring, implementation, and evaluation.

- Students will understand best practices for improving management and leadership in settings around the world.
- Students will learn factors that can facilitate and impede program success.
- Students will learn to use Gantt Charts and log frames to meet funding and timing constraints.

- **HS NEW** Current Topics in Healthcare Management
- **HS279a** Planning and Implementation
- **HS278f** Monitoring and Evaluation
- **HS NEW** Pharmaceutical Policy
- Management and Leadership Professional Seminar Series

### 4. Population Health
Students will be introduced to some of the most important, cross-cutting problems facing populations around the world and understand the basic principles of epidemiology.

- Use different frameworks to understand the most pressing public health problems facing countries today.
- Epidemiology

- **HS 329f** Introduction to Epidemiology
- **HS503f** Global Mental Health Policy

### 5. Collaboration Skills/Teamwork
Students will develop practical skills to support effective collaboration and conflict management within and across programs, organizations, cultures, and sectors and among multiple stakeholders as a means to advance a social mission and promote programmatic/organizational/systemic efficacy.

- Students will build competencies in listening, working in groups, conflict resolution, and leadership skills through group work and interpersonal communication.
- Students will become comfortable facilitating cross-cultural collaboration.

- Management and Leadership Professional Seminar Series

### 6. Communication Skills
Students will be able to effectively convey knowledge and express perspectives related to health policy and other topics orally and written.

- Students will demonstrate the ability to explain factual information, express opinions and make persuasive arguments in support of a position in the form of oral and written presentation.
- Students will produce oral and written analyses and presentations utilizing a variety of technologies such as PowerPoint, Excel, and Word.

- Management and Leadership Professional Seminar Series