**George Mason University**  
**Graduate Course Approval/Inventory Form**

Please complete this form and attach a copy of the syllabus for new courses. Forward it as an email attachment to the Secretary of the Graduate Council. A printed copy of the form with signatures should be brought to the Graduate Council Meeting. Complete the Coordinator Form on page 2, if changes in this course will affect other units.

<table>
<thead>
<tr>
<th>Please indicate:</th>
<th><em><strong>X</strong></em> NEW</th>
<th>____ MODIFY</th>
<th>____ DELETE</th>
</tr>
</thead>
</table>

**Local Unit:** School of Public Policy  
**Graduate Council Approval Date:**

<table>
<thead>
<tr>
<th>Course Abbreviation:</th>
<th>PUBP</th>
<th>Course Number:</th>
<th>757</th>
</tr>
</thead>
</table>

**Full Course Title:** Public Policy in Global Health and Medical Practice

**Abbreviated Course Title (24 characters max.):** Pub Pol/Global Hlth

**Credit hours:** 3  
**Program of Record:** Master of Public Policy

<table>
<thead>
<tr>
<th>Repeatable for Credit?</th>
<th>D=Yes, not within same term</th>
<th>Up to hours</th>
<th>T=Yes, within the same term</th>
<th>Up to hours</th>
<th>X=Cannot be repeated for credit</th>
</tr>
</thead>
</table>

**Activity Code (please indicate):**  
- Lecture (LEC)
- Lab (LAB)
- Recitation (RCT)
- Studio (STU)
- Internship (INT)
- Independent Study (IND)
- Seminar (SEM)

**Catalog Credit Format 3:3:0**  
**Course Level:** GF(500-600) ___ GA(700+) ___

**Maximum Enrollment:** 25  
**For NEW courses, first term to be offered:** 04F

**Catalog Description (35 words or less):** Please use catalog format and attach a copy of the syllabus for new courses.:

Students are introduced to international medical policy. Globalization of health and medical policies directed at removing disparities, financing, ethical considerations of biomedical research, and use of emerging technologies are covered.

**For MODIFIED or DELETED courses as appropriate:**

<table>
<thead>
<tr>
<th>Last term offered:</th>
<th>Previous Course Abbreviation:</th>
<th>Previous number:</th>
</tr>
</thead>
</table>

**Description of modification:**

**APPROVAL SIGNATURES:**

<table>
<thead>
<tr>
<th>Submitted by:</th>
<th>email: <a href="mailto:rudder@gmu.edu">rudder@gmu.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Department/Program:</td>
<td>Date: ________________</td>
</tr>
<tr>
<td>College Committee:</td>
<td>Date: ________________</td>
</tr>
<tr>
<td>Graduate Council Representative:</td>
<td>Date: ________________</td>
</tr>
</tbody>
</table>
GEORGE MASON UNIVERSITY
Course Coordination Form

Approval from other units:

Please list those units outside of your own who may be affected by this new, modified, or deleted course. Each of these units must approve this change prior to its being submitted to the Graduate Council for approval.

<table>
<thead>
<tr>
<th>Unit:</th>
<th>Head of Unit’s Signature:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graduate Council approval: _______________________________ Date: __________
Graduate Council representative: __________________________ Date: __________
Provost Office representative: _____________________________ Date: __________
PUBP 757 – Public Policy in Global Health and Medical Practice

Syllabus

Note: This course and its companion, PUBP758, complement the Biodefense Graduate Program offered by the College of Arts and Sciences and is a coordinated training activity between the two units. It will be cross referenced, as appropriate, by the College of Nursing and Health Sciences, GMU.

Instructor: Arnauld E. Nicogossian, MD, Office of International Medical Policy, School of Public Policy

The Global Medical and Public Health Policy sequence consists of two parts, Public Policy in Global Health and Medical Practice (PUBP757) and (3 credits) G (PUBP758). Each part comprises a series of related topics exploring current policy and practices in the era of globalization and war on terrorism. Though each part can be taken separately for 3 credit hours each, it is recommended that both parts be taken to acquire a full perspective in global terrorism and its effect on medical and public health policy formulation, assessment, planning and implementation.

Purpose:

1. To provide graduate level education in global medical policies and processes with a faculty of influential international and national policy-makers from the Pan American Health Organization/World Health Organization, U.S. Department of Health and Human Services (NIH, OASPE, and HRSA), U.S. Department of Defense (USUHS), GMU, NASA, and others.
2. To address global medical/public health policies, needs, practices, and interdependencies in the 21st Century.
3. To discuss developing, planning and managing public health organizations in the aftermath of 9/11, bio-terrorist attacks with letters carrying anthrax, emerging and reemerging infectious diseases, including SARS, West Nile Encephalitis and Monkey Pox.
4. To develop skills in designing evaluation processes, to assess costs and performance of medical and public health activities, and in formulating associated policies dealing with the “public health fear factor” as it relates to vaccination (smallpox) or international quarantines (SARS).
5. To discuss formulation of policies and analyze practices that could violate human rights, undermine ethics, and/or create disparities in health services.
6. To complement the Core Graduate Curriculum of the GMU/School of Public Policy. The course is primarily designed for students enrolled in the Master of Public Policy (MPP), International Commerce Policy (ICP) and Doctorate programs but it can accommodate professional CME (provided by another institution).

Background

The 20th Century witnessed profound cultural, economic, political and societal changes, which are still evolving. The World Medical and Public Health practices are being revolutionized by the information technology and molecular biology. The interdependencies created by globalization and international commerce have been shaping the health care concepts and policies at an accelerated pace. The G-8 politics and interests continue to impact the World Health landscape. The events of September 11, 2001, the anthrax mail attacks, the SARS epidemic and many other news worthy health events brought into international and national focus the notion of potential for bio-terrorism events and vulnerabilities of the medical and public health systems. Terror and terrorist acts are as old as human history, and many civilizations have used or experienced it throughout their existence.
The new paradigm is the sudden widespread awareness of the nature and extent of the threats and the realization that the war against terrorism will be protracted and universal. In this setting, medical and public health sectors will play a more preeminent role than ever, and policies necessary to protect the health of people worldwide need to be enacted and enforced. In order to ensure the medical security of the democracies, health and medical policies have to be developed and implemented with the understanding of their global implications. Consideration of global economic, social, political and environmental implications of such public health policies needs to be developed through proper academic research and training. Recent gains achieved by new and reemerging infections, fueled by continued regional conflicts and failures of the public health system, warrants such reexamination, even in the absence of the terrorist threats.

Specific Learning Objectives

At the conclusion of PUBP757, the student will understand the:

1. Principles and concepts of public policies and laws, and their relevance to medical and public health practices in different cultures in the context of globalization and terrorism
2. Major global medical and public health issues faced by special segments of the population
3. Significance of:
   a) Ethical impacts of medical/public health policies in different cultures and countries
   b) Implications of natural and human-made disasters on medical/public health policy formulation,
   c) Budget allocations, humanitarian aid and core values of public health practices
   d) Impact of the transportation and communications systems (and associated policies and practices) on health – a new dimension of public health: technology as a vector and a target for diseases including terrorism relative benefits and trade-off cost/ policies of prevention versus medical care
   e) Growing importance of Environmental impact on Public Health and medical care

Pass/Fail Criteria

The students are required to:

1. Attend lectures and participate in the discussions held during the sessions (30%)
2. Select a topic for research and prepare a discussion paper to be delivered at the end of the semester (70%) A research paper on a topic selected from one of the class subject areas is required at the end of the semester. The topic will be selected by the student and approved by the class instructor. The student is responsible for the research of the topic and the content of the paper. Presentation of the material, the depth and scope of the research and citations, the relevance of the discussion and conclusions, including impacts and outcomes (social, economic, international, etc.) and potentials for policy development, will determine the grade of the paper. The paper grade will be integrated with the class discussions to formulate the overall semester grade
3. Please note that all the university rules and regulations for citing and presenting the work from the published literature will apply to the preparation of the semester research paper. Also please do not include sensitive or other materials from any source which have not been officially cleared for public dissemination. Please get familiar with the internet plagiarism issues at http://firstclass.wellesley.edu/%7Esparks/cs100/rp1.html
4. The classes will be in the form of lectures, topical seminars, group discussions, case studies, or practicum. An elective practicum can be arranged for some students to supplement the above criterion.
Reading Assignments

Required reading will be assigned primarily from the following textbooks:

(2) Donald A. Henderson, Thomas Inglesby, Tara O'Toole (Editors), Bioterrorism: Guidelines for Medical and Public Health Management. Johns Hopkins
(3) Sheldon Watts: Disease and Medicine in World History, Routledge 2003

and the following Journals:

1. Journal of Travel Medicine
2. Journal of Preventive Medicine
3. Journal of Biosecurity and Bioterrorism
Final Research Papers

PUBP757 require a final research paper. The paper length including references should be 15 to 30 pages (double spaces) and will conform to the following format:

  i. Abstract ½ page
  ii. Purpose: 1 paragraph
  iii. Introduction and Background: 2 to 6 pages
  iv. Methodology: 3 to 6 pages
  v. Results: 3 to 6 pages
  vi. Discussion: 3 to 6 pages
  vii. Conclusions: 2 to 4 pages
  viii. Supporting Bibliography


Course Outline

Each class session will be a combination of lecture and class discussion. Most sessions will feature a guest lecture given by an experienced in the field.

1. History of International Public Health and Medical Policy (Reading 3)

2. Introduction to International Public Health Policy and Practices (Reading 1 Chapt. 1-2)

3. Global Governance and implications to Health and Medical Policy Formulation (a tool of foreign policy?) (Reading 1 Chapt. 8, Reading 4 Chapt. 8)

4. U.S.A. Public Health- Policy Development and Administration (Reading 5 Part I)

5. International Public Health- Policy Development, Administration and Financing, part 1 (Reading 1 Chapter 11-14)

6. International Public Health- Policy Development, Administration and Financing part 2 (Reading 1 Chapter 11-14)

7. Understanding Global Terrorism and Bio-terrorism in the Public Policy Context (Reading 2 pages 1-11)

8. Disaster Preparedness and Response: Policy and Practices ( Reading 4 Chapt. 3)

9. Allocating Resources and Ethical Considerations in Medical Practice, Public Health, and Biomedical Research in International Settings (Reading 5, Chapt.3)

10. Expanding U.S. and Global Public Health Infrastructures to Meet the 21st Century Challenges – Policy and Political Considerations (Reading 1, Chapter 14)


14. Course Summary and Class Discussions: Meeting the Challenge: Economic and Political Issues

Contact
Arnauld Nicogossian, MD, FACPM, FACP
Distinguished Research Professor and Director, Office of International Medical Policy
School of Public Policy,
George Mason University
4400 University Drive, MS 3C6
Fairfax, VA 22030
Tel. 703 993 8217
Fax 703 993 2284
e-mail: anicogos@gmu.edu
http://policy.gmu.edu/oimp/index.htm