

Syllabus MPH2 Minors and Majors of the Management & Health policy sciences track (MHPS)

Module #	Module title	Coordinator	Contents	ECTS	Teaching Week/year
212	Minor A of the Management and health policy sciences track: « Financing health care»	Karine CHEVREUL and Sarah THOMSON	<p>Minor A « Financing health care»</p> <p>A comparative approach to development of health and healthcare policies emphasizing present and future policy options and problems. This module examine the models for financing health care: methods for funding health systems (tax, social and private health insurance, user charges, medical savings accounts) and methods of defining benefits, allocating resources for health care, purchasing health services, paying health care providers; influencing doctors practice and patient behaviour are described. It provides students with knowledge for understanding current reforms in financing health care and their advantages and shortcomings with regards to the objectives of health care systems.</p> <p>Learning objectives: <i>at the end of the module, the students should be able to:</i></p> <ol style="list-style-type: none"> 1. Identify the may sources for funding health care systems and health care organizations 2. Discuss the impacts of different funding mechanisms on health care outputs and outcomes 3. Clarify the main components of LT care funding in different countries and their effects 4. Define and categorize funding for health systems in low income countries 5. Analyse strengths and weaknesses of different sources of funding with regards to limited resource constraints <p>Prerequisite: None</p>	3	43, 2011
213	Minor B of the Management and health policy sciences track: « Management tools in health services and systems»	Tom Ricketts	<p>Minor B « Management tools in health services and systems»</p> <p>The module will provide students with an understanding of different tools that can used at the various steps of the management cycle : planning, evaluation ex ante, priority setting, project planning and evaluation ex post. The management cycle will be situated in the overall theories of strategy and structures of organizations. However the focus will be on the development of usable skills for the operation of programs and processes in an organizational context. A critical analysis of the role of tools in management will conclude the module.</p> <p>Learning objectives: <i>at the end of the module, the students should be able to:</i></p> <ol style="list-style-type: none"> 1. Develop a basic management plan for a project or process that relates to health care, health promotion or disease prevention 2. Be able to use basic planning tools including Gantt charts PERT charts and processes, and Critical Path Methods 3. Be able to identify critical pathways, key measures of progress and understand the basics of how to capture data to measure progress 4. Recognize the advantages of monitoring of processes and the achievement of objectives using recurring data generations systems 5. Mastery of simple data display and analysis methods in Excel to convey the progress of projects and processes in health care. <p>Prerequisite: Basic knowledge of Excel® including the creating of databases (not just spreadsheets) creation of charts and graphs and simple statistical analysis (person's r, r-square, chi-square) and an understanding of the basic alternatives in trend analysis offered in Excel.</p>	3	47, 2011
226					

	<p>Major A of the Management and health policy sciences track: «Decision Making for Health Care Organizations: Organization Design and Behavior »</p>	<p>Bruce Fried</p>	<p>Major A «Decision Making for Health Care Organizations: Organization Design and Behavior »</p> <p>The course is intended to develop practical management skills and to teach the student how to manage systematically. First, we will focus on the very important task of managing people working in groups with a focus on team design and communication. The course will touch on the need to measure individual as well as group productivity, efficiency and the outputs of the organization as well as its ability to maintain itself and its mission.</p> <p>The position of the organization in its environment will be the focus of the second half of the course where we will discuss the principles of organizational design in terms of its relationship to environmental stresses and opportunities and the importance of strategic alliances. Coping with the environment requires adaptation and change; the organization must be a learning unit. Part of that learning process is the development of meaningful indicators and measures that will help the manager to cope with the day to day needs of leadership, but also support the strategic planning that is necessary to ensure the future of the organization.</p> <p>Practical management issues, such as conflict management and negotiation skills, will also be addressed. The assimilation of the topics covered in this class will be done through an integrated case study.</p> <p>Learning objectives: at the end of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. Explain organization theory in relation with health 2. Define team design and communication plan within an organization 3. Assess the organization impacts on both individuals and teams, through efficiency and productivity indicators 4. Discuss the principles of organizational design in relationship with environmental changing context 5. Clarify individual and organizational behaviours able to cope with changes 6. Define the main steps of a strategic planning 7. Identify leadership competencies <p>Prerequisite: prior experience in management is an advantage and will help leveraging this class</p>	<p>3</p>	<p>50, 2011</p>
<p>227</p>	<p>Major B of the Management and health policy sciences track: « International comparisons of health systems and policies »</p>	<p>Karine CHEVREUL and Sarah THOMSON</p>	<p>Major B « International comparisons of health systems and policies »</p> <p>If policy makers can learn from experience, this unit is a comparative approach to the development of health care systems in advanced countries emphasising present and future policy options and problems. It describe, among other: policies implemented to improve quality and safety in health care services, regulation of the pharmaceutical markets, challenges in the long-term care sector; development of mental health care...</p> <p>Learning objectives: at the end of the module, the students should be able to: To be completed</p> <p>Prerequisite: None</p>	<p>3</p>	<p>3, 2012</p>

228	<p>Major C of the Management and health policy sciences track: « Innovative Success Strategies in Public Health & Health Care Delivery for the New Millennium »</p>	Sandra Greene	<p>Major C « Innovative Success Strategies in Public Health & Health Care Delivery for the New Millennium »</p> <p>More than ever before, public health needs and healthcare delivery have seen evolving requirements for optimal and effective management of care models. From technology and knowledge on one hand to new issues and practice challenges on the other hand, the objective of this module is to provide students with the most up-to-date knowledge, skills and abilities in the management of innovative healthcare delivery for the population at large. Public health needs and the delivery of healthcare have experienced many changes as well as challenges in the last millennium. The future holds even greater challenges given the rise of new information and communication technologies, team work collaborative strategies, operational management methods and knowledge-transfer approaches. Today's global financial and human resources crisis in public health and healthcare delivery is an indication of future trends and a calling for new solutions must be addressed if patient and populations' care are not to be further compromised.</p> <p>Learning objectives: <i>at the end of the module, the students should be able to:</i></p> <ol style="list-style-type: none"> 1. Identify challenges facing public health professionals and healthcare delivery to global populations 2. Discuss knowledge management approaches and their impact of decision making 3. Describe operation research findings 4. Identify leardership behaviour and management 5. Apply team leader approach 6. Implement communication tools and Information technology <p>This course will review the following:</p> <ol style="list-style-type: none"> 1. Public Private Partnerships (P3s) which have become an interesting alternative in the delivery of healthcare and other public services in recent years. 2. Knowledge management approaches and their impact on decision-making models. 3. Latest operation research findings and their use in the healthcare field with a specific focus on emergency room procedures. 4. Teams, job description and perceived risk. Using a comparative analysis, the corporate, aviation and healthcare fields will be reviewed. An analysis of team structures within the three fields will show that the level of perceived risk is directly related to the level of control imposed by management. This will help students to understand what is necessary in the process of dealing with emergencies. 5. The Team of Leaders (ToL) concept developed recently by the US Army to face challenges other than war and to address management of healthcare operations in unstable mega-scale environments and human disasters. 6. Use of Information and Communication Technology (ICT) to improve communication and performance in complex systems such as public health and healthcare delivery. <p>This module offers an opportunity for participants to have practical applications of theoretical models through a case study approach. This will allow for in depth review, analysis and greater awareness of the future development and trends in management methodology required in the field of public health and healthcare delivery.</p>	3	4, 2012
-----	--	---------------	--	---	---------