

# GESTION DES SERVICES DE SANTÉ (MHA)

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## **MHA 5140 Financial Accounting (1.5 unit)**

Introduction to the foundations of financial accounting including theoretical aspects, the principles of financial reporting and preparation of financial statements and accounting for inventory and capital assets. Creation and interpretation of financial performance measurements.

**Course Component:** Lecture

MHA 5140 and MHA 5141 cannot be combined for credit with MBA 5340 or with MBA 5140 and MBA 5141.

## **MHA 5141 Managerial Accounting (1.5 unit)**

Introduction to the preparation and use of accounting information to support managerial decision making. Topics include product and process costing and activity based costing and management.

**Course Component:** Lecture

MHA 5140 and MHA 5141 cannot be combined for credit with MBA 5340 or with MBA 5140 and MBA 5141.

## **MHA 5300 Fundamentals of Data Analytics: Making Data Useful for Health Care Managers (3 units)**

Analysis and data modelling skills, develop the ability to interpret large amounts of data and draw sound implications for the health care problem at hand, and to exhibit the usefulness of data analytics in health care problem solving and decision-making.

**Course Component:** Lecture

MBA 5300 and MHA 5300 cannot be combined for credit.

## **MHA 5330 Human Resource Management in Health Care (3 units)**

Focus on the major issues unique to effective health human resources management. Measuring needs and planning for the current and future supply of human resources. Recruitment, retention and development strategies to meet changing workforce conditions. Understanding the unique regulatory environments where professions are regulated by provincial laws and professional colleges. Labor relation issues and approaches in unionized environment. Funding, team work and inter-professional practice, scope of practice issues and organizational design. Interactions of organizational and professional accreditation mechanisms (such as professional colleges and associations, and accreditation bodies).

**Course Component:** Lecture

## **MHA 6203 Program Evaluation for Health Care Managers (1.5 unit)**

Provides students with an overview of planning, designing and conducting applied program evaluations, which are applicable in health care organizations and community settings. Topics include: types of evaluations; formulation of evaluation questions; evaluation designs, methodologies, and tools; evaluation results to different stakeholders, and critical appraisal of evaluation research and reports.

**Course Component:** Lecture

## **MHA 6213 Directed Readings in Health Care Management (3 units)**

Personal definition, investigation and synthesis of broadly based literature on a topic from a list prepared in advance by the MHA faculty. Bi-weekly progress reports submitted by e-mail or in person. Presentation of the report at a seminar organized by a supervisor.

**Course Component:** Research

Prerequisites: must have completed the common core and at least 10.5 MHA units.

## **MHA 6250 Health Care Finance (1.5 unit)**

Overview of financial concepts, including time-value of money analysis, risk and rate of return, bond and equity pricing, and financial planning. Financial decision-making and risk assessment tools in administrative decisions within the unique context of health care organizations.

**Course Component:** Lecture

## **MHA 6260 Project Planning and Management (1.5 unit)**

Introduction to program planning and management of health management projects. Program planning and management methods including management of a project throughout its life cycle (identification, design, planning, realization and close-out).

**Course Component:** Lecture

MHA 6260 cannot be combined for credit with ADM 6260.

## **MHA 6271 Application of Information Technology in Health Care (1.5 unit)**

Presents an overview of timely topics related to the application of information technologies (IT) in health care, and prepares students to better understand and work with IT in the current healthcare environment. The course discusses research and evidence on contemporary health IT solutions and their role in improving, transforming and supporting the delivery of health care, as well as the decisions and challenges that managers face when considering the implementation of these new technologies.

**Course Component:** Lecture

Prerequisite: MHA 6370

## **MHA 6301 Epidemiology and Population Health (3 units)**

Understanding of the principles of epidemiology and research designs in the health related fields, and the ability to critically evaluate clinical, epidemiological, and health care management evidence in support of decision-making. Topics include: determining research designs most appropriate to specific research conditions; overview of epidemiologic approaches; important measures; issues related to validity, confounding effect, selection bias, misclassification bias, and effect modification; and general concepts related to population health.

**Course Component:** Lecture

Prerequisite: MBA 5300 or MHA 5300

## **MHA 6312 Strategy, Governance, and Ethical Management in Health (3 units)**

Key concepts and theories on each of strategy, governance, and ethical management. Interdependencies among strategy, governance, and ethical management and how these topics span beyond organizational boundaries to a system level.

**Course Component:** Lecture

## **MHA 6315 Quality and Performance Management in Health Care (3 units)**

Overview of approaches and tools used for managing, evaluating, and promoting quality in health care. Emphasizes the importance of context and stakeholder engagement in quality improvement and performance management initiatives. Topics include: important key theories and concepts related to quality; patient safety measures and practices; performance management; evidence-based management; and quality improvement strategies.

**Course Component:** Lecture

**MHA 6351 Health Economics (3 units)**

An economists' perspective illuminating the systems behavior of Health-Care. Such insights inform strategies for managing/improving Health-care. The survey course introduces key concepts from economics (e.g., micro-economics, trade-offs, opportunity costs, efficiency, equity) that are pivotal to this illumination. The unique attributes of health-care (e.g., uncertainty of demand and information asymmetry) and the incentives (some perverse) that ensue are discussed. Indices of population health impact and their links to health economic valuation are covered, including cost-effectiveness and benefit-cost analysis.

**Course Component:** Lecture

**MHA 6360 Health Care in Canada in a Comparative Context (3 units)**

Overview of the Canadian health care system including its history and evolution with an emphasis on the relationship between federal government and the provincial/territorial systems. Current forces (e.g. societal, political, economic) that influence health care policy. Canadian system compared to international health care systems.

**Course Component:** Lecture

**MHA 6361 Organizational Behavior and Change in Health Care (3 units)**

Overview of organizational behavior and change in the health care context. Motivation, stress and stress management, group dynamics, power and negotiation. Leadership of change and different types of change that can be pursued in various contexts are considered.

**Course Component:** Lecture

**MHA 6370 Health Informatics (3 units)**

Overview of current developments, issues and challenges in the emerging field of health informatics, with an emphasis on the role it plays in health care transformation initiatives. Historical development and basic foundations of health informatics including theoretical, methodological and ethical/legal underpinnings will be studied. Management implications of health informatics.

**Course Component:** Lecture

**MHA 6380 Quantitative Methods and Their Applications to Health Care Decision Making (3 units)**

Provide health care decision makers with an overview of several useful quantitative methods that can provide insight and support for complex decisions. Mathematical model formulation, linear programming and optimization, queuing theory and simulation modeling. Mathematical tools available to help optimally utilize the resources.

**Course Component:** Lecture

**MHA 6990 Residency and / or Field Project (6 crédits / 6 units)**

Capstone course where students apply what they have learned in the classroom to a health care management project.

**Volet / Course Component:** Recherche / Research