

الجامعة السعودية الإلكترونية
Saudi Electronic University



Deanship of Graduate Studies

**PROGRAM OVERVIEW
MASTER OF HEALTH ADMINISTRATION
PROGRAM**

May 2020

Introduction:

The Master of Healthcare Administration (MHA) program aims to qualify students for leadership roles in the health care sector. The program promotes leadership, cognitive skills and analytical capabilities using a global perspective and enables students with administrative skill sets necessary for effective and efficient leadership and management of health care institutions in both public and private sectors. Students gain the ability to work with policies, laws, problems and issues facing health care with a focus on areas of quality assurance, risk management and insurance, health care laws and regulations, ethics and other methods and modern practices in managing the health care environment. This program, in collaboration with Colorado State University, builds the capacity of health practitioners to lead and work in the field of health care administration, and upskilling them to meet and exceed the conditions of the Ministry of Human Resource and Social Development and the Saudi Commission for Health Specialties in the Kingdom of Saudi Arabia.

A. PROGRAM IDENTIFICATION AND GENERAL INFORMATION

1. Program title:

- Degree Name: Master's of Healthcare Administration

2. Total credit hours needed for completion of the program:

- 36 credit hours

3. Award granted on completion of the program:

- Master's Degree in Healthcare Administration

4. Major tracks/pathways or specializations within the program:

- Healthcare Administration

5. Professional occupations:

Our Postgraduates can work or contribute to one of the following sectors:

- Hospital and health management
- Health care information systems.
- Research and consultation
- Health care strategic planning
- Health insurance
- Residential care
- Public health
- Teaching and training
- National and intentional organizations

For additional program details or enquiries please contact:

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PROGRAM STRUCTURE AND ORGANIZATION

1- Program Structure

Course Code	Course Title	Prerequisite	Credit Hours
Core			
HCM500	Healthcare Systems		3
HCM502	Organizational Behavior and Human Resources in Healthcare		3
HCM505	Research Methodology in health management		3
HCM506	Applied Biostatistics in Healthcare Administration	HCM505	3
HCM515	Health Law and Ethics	HCM500	3
HCM 563	Healthcare Insurance		3
HCM520	Quality and Patient Safety	HCM 500	3
HCM550	Healthcare Policy Analysis and Development	HCM 500	3
HCM565	Healthcare Finance		3
HCM570	Healthcare Information Systems	HCM 500	3
HCM600	Research Project	HCM505	3
Elective			
HCM501	Healthcare Administration		3
HCM564	Healthcare Economics	HCM 500	
HCM 574	Public Health		
Internship			
HCM599	8 Weeks training period in a healthcare setting		
Total			36

2 - Program Structure by Semesters

Course Code	Course Title	Prerequisite	Credit Hours
Core Courses			
Semester 1			
HCM500	Healthcare Systems		3
HCM502	Organizational Behavior and Human Resources in Healthcare		3
HCM505	Research Methodology in health management		3
Total			9
Semester 2			
HCM506	Applied Biostatistics in Healthcare Administration	HCM 505	3
HCM515	Health Law and Ethics	HCM 500	3

HCM 563	Healthcare Insurance		3	
Total			9	
Semester 3				
HCM520	Quality and Patient Safety	HCM 500	3	
HCM550	Healthcare Policy Analysis and Development	HCM 500	3	
HCM565	Healthcare Finance		3	
Total			9	
Semester 4				
HCM570	Healthcare Information Systems	HCM 500	3	
HCM600	Research Project	HCM 505	3	
Internship				
HCM 599	8 Weeks training period in a healthcare setting			
Total			6	
Elective Courses				
The student should choose one from the following three courses				
Course Code	Course Title	Prerequisite	Semester	Credit Hours
HCM501	Healthcare Administration		Semester 1	3
HCM574	Public Health		Semester 2	
HCM564	Healthcare Economics	HCM 500	Semester 3	
Program Total Credit Hours				36

3. Program Admission Requirements:

1. Baccalaureate or higher degree in health administration or health related major
2. Baccalaureate GPA minimum 3.00 out of 5.00 or equivalent
3. To have a minimum score of 5 (IELTS) or 76 (STEP) within two years of applying
4. Two letters of recommendation including at least one academic reference
5. Provide written approval from employer to undertake the study program
6. Passing the required personal interview with a non-refundable fee (500) SAR
7. Provide current certification by the Saudi Commission for Health Specialties
8. Provide a current curriculum vitae
9. Complete the application form on the website
10. Payment of tuition fees (1500) SAR for each credit hour in the program

4. Attendance and Completion Requirements:

- Students must attend all face to face and live session virtual classes.

5. Duration of the study program:

- The duration of the study is 4 semesters
- The semester is composed of series of modules
- The curriculum based on credit hours' system, where MSc weight 42 credit hours

6. Students Assessment System:

According to SEU examinations guidelines and regulations

- Continuous coursework evaluation
- Midterm and final exams
- The general exam frame includes:
Written Examinations using any or all of the following:
Multiple –choice questions
Problem solving questions
Structured short essays

As per SEU examination regulations results are graded and assessed as follows:

Degree		Percentage %
Excellent	A+	95% -100%
	A	90 % -94.9%
Very good	B+	85 - 89.9 %
	B	80 – 84.9%
Good	C+	75 - 79.9 %
	C	70 – 74.9%
Failure	F	Below 70 %

5. LEARNING FACILITIES AND EQUIPMENT:

1. Facilities required

- a. Classrooms
- b. Free Internet
- c. Computer Laboratories
- d. Digital Library

2. Classrooms

- a. E-Podium
- b. Smart Boards
- c. White Boards
- d. Projectors

3. Equipment (including IT)

- a. Computers.
- b. Laptops
- c. Headphones

Course Descriptions

HCM 500- This course provides a broad overview of healthcare system organization from both a micro and macro level. An introduction to the definitions, concepts related to various systems, and contemporary trends and challenges in healthcare delivery are considered. The course will examine the historical evolution and current state of health care systems in the USA, Canada, the EU, and Asia. Areas of study include the introduction to the various forms of provider models and service delivery systems found in private and public health sectors

HCM 501- This course provides a foundation in Health care Administration. It will give an introduction to the principles of management and leadership as the foundations for the administration of health care products and service delivery. The evolution of management principles and practices are traced and the bases for health care administration are analyzed. The course will emphasize on the management of global health care systems in technological societies and the need for innovation and creativity in health care administration. The student will learn the roles of a manager in healthcare organizations, models and styles of leadership, theories of motivation and motivational strategies, strategic planning, outcome monitoring and control, healthcare marketing, quality improvement basics, financing healthcare, managing healthcare professionals and human resources, team work, and fraud and abuse of the healthcare system.

HCM 502- This course focuses on the application of theory to develop the knowledge and skills needed to effectively manage individuals and groups in health care organizations. Topics include human behavior, human resource management and labor relation policies. This course serves as an introduction to organizational behavior and human resource management in healthcare, examining organizational theory, change, and leadership. Students will learn the processes and practices involved in these areas: management of individuals and teams, change and conflict management, human resource strategy, human resources and workforce management, training and development, performance appraisals, compensation, retention, and human resource systems effectiveness

HCM 505- This course will provide the students with the basics of research and a broad introduction to the methodological foundations and tools to make research. The course covers the basics of research methodology for graduate level students and introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. Participants will use theoretical aspects to begin to critically review literature relevant to their field of interests. Students will learn how to identify problems to study, develop hypotheses and research questions, specify independent and dependent variables, check for the validity and reliability of studies and design research projects. They will be exposed to a broad range of designs used in their researches from laboratory and field experiments, surveys, content analysis, focus groups and in-depth interviewing

HCM 506- This course provides an introduction to important topics in biostatistical concepts and reasoning. It also represents an introduction to basic concepts covering study designs and sample size computation. Students will be introduced how to apply basic theoretical concepts of biostatistics in health science, epidemiology, and public health. Knowledge about measurement scales, types of variables and data along with various statistical methods for summarizing and presenting different types of data will be provided. The concept of probability with its applications in epidemiology and public health will be introduced. The course concludes with a moderate level presentation of important probability distributions applied commonly in epidemiology and public health. The whole program will be delivered in an application-oriented way by giving more weightage for problem solving.

HCM 515- This course explores the legal and ethical challenges inherent in the administration of healthcare services. Topics include governmental regulation of healthcare false claims, fraud and abuse, antitrust compliance and litigation, informed consent, principals and legal basis for hospital governance and healthcare malpractice insurance.

HCM 520- This course is an in-depth examination of the relationships between healthcare quality and organizational performance. Students are introduced to quality improvement and patient safety theories, models, methods and tools that have an application on addressing the challenge of improving the quality and safety of the healthcare system.

HCM 550- This course introduces and examines methods for assuring quality in policy, process, and outcome management, as well as the significance and statistical application of measuring outcomes. The healthcare policies and changing trends are identified and analysed.

HCM 563- It was designed to focus on general insurance concepts and particularly health insurance in addition to health cooperative guaranty programs which are applied in the kingdom. The course will focus on how to use health insurance to reduce the adverse financial impact in case of a loss has become an important element of financial and risk management in our society.

HCM 564- In this course, students receive practical knowledge about and apply economic theories and principles to understanding healthcare economic issues and problems related to the amount, organization, and distribution of healthcare resources. Students will learn and apply economic principles such as supply and demand, economic theories, resources allocation, competitive markets, market evaluation methods, and cost effectiveness analysis related to making choices about and understanding the consequences of resource scarcity in the healthcare industry.

HCM 565- This course focuses on the application of key finance principles and concepts to healthcare organizations. The course enables students to learn how to develop, apply, and interpret various financial tools and concepts including financial statements analysis, costs

structure and allocation, dashboards, budgeting and variance analysis, sources of revenue and reimbursement, return on investment analysis, financial ratios, capital budgeting and investment decision making, and working capital management.

HCM 570-This course is designed to introduce students to the core knowledge and skills needed to oversee information technology in a healthcare environment. This includes how to identify and solve organizational problems affecting the design, implementation, and use of health information management systems throughout the enterprise. In this course, you will gain knowledge on how healthcare administrators can lead, manage, develop, and motivate staff toward meeting changing needs. We'll discuss the functions and interoperability of various systems including regulatory requirements, and how to assure the confidentiality of patient information and recent trends in the changing healthcare landscape.

HCM 574- This course introduces the concepts of public health from the context of population health management. Students learn what public health is, and how it works with a focus on populations and strategies that can be applied towards preventing disease and promoting health. The historical background of public health is considered including a review of tools used to assess the health status of communities including epidemiology and vital statistics. Etiology and control of infectious disease are also examined.

HCM 599 (Field Experience Training)- The students will undergo training across various healthcare organizations and related fields. The training can range from healthcare operations, quality control and assurance to patient safety management etc. The student are required to give a presentation at the end of their training and present their project research thesis.

HCM 600 (Research Project)- The purpose of this course is to make a research project under the supervision of a faculty member. The goal is to provide students with hands-on research experience through completing a research project starting with hypothesis development (if applicable), literature searching, experimental design, data collection, and analysis and interpretation. Then they will write up the research and its findings according to an established format.