

1.	School	<b>Nursing</b>
2.	Department	<b>Community Health Nursing</b>
3.	Program title (Arabic)	ماجستير في القيادة و تحسين الجودة في الرعاية الصحية
4.	Program title (English)	<b>Master in Healthcare Leadership and Quality Improvement</b>
5.	Track	<b>Thesis</b>

	Specialization #	Degree	Dep #	Faculty #	Year	Track
Plan Number	--	7	1	07	2021	Thesis

### First: General Rules & Conditions:

1. This plan conforms to the valid regulations of the programs of graduate studies.
2. Specialties of Admission:
  - The First Priority: Bachelor's Degree in Nursing
  - The second Priority: Bachelor's Degree in Health Specialties (Medicine, Pharmacy, Dentistry, Rehabilitation Sciences, Medical Laboratory Sciences)

**Second: Special Conditions:** One year clinical nursing experience in a health care institution.

### Third: Study Plan: Studying (36) Credit Hours as following:

1. Obligatory Courses (18) Credit Hours:

Course No.	Course Title	Credit Hrs	Theory	Practical	Pre/Co-requisite
0701735	Scientific Research Methods and Biostatistics	3	3	---	---
0701737	Ethical and Legal Issues in Health Care	3	3	---	---
0701738	Healthcare Informatics	3	3	---	---
0701741	Healthcare Leadership	3	3	---	---
0701742	Continuous Quality Improvement	3	3	---	---
0701744	Healthcare Safety and Risk Management	3	3	---	---

2. Elective Courses: Studying (9) Credit hours from the following:

Course No.	Course Title	Credit Hrs	Theory	Practical	Pre/Co-requisite
0701736	Statistical Methods for Health Care Research	3	3	---	---
0701739	Strategic Planning	3	3	---	---
0701740	Organizational Behavior	3	3	---	---
0701743	Healthcare Financial Management	3	3	---	---
0701745	Topics in Health Law	3	3	---	---
0701746	Health Policy	3	3	---	---
0701747	Accreditation of Healthcare Organizations	3	3	---	---

3. Thesis: (9) Credit hours (0701799).

## Course Descriptions

### **(0701735) Scientific Research Methods and Biostatistics (3 credit hours)**

This course provides an overview of research methods, including various research designs appropriate for studying health care phenomena. Also, the course will provide students with basic principles of descriptive and inferential statistics. It will focus on utilizing healthcare research in the development of healthcare knowledge. The student will be introduced to quantitative and qualitative methods of healthcare research to provide students with the chance to develop a research proposal in his/her own area of specialty.

### **(0701736) Statistical Methods for Health Care Research (3 credit hours)**

The emphasis of this course is on the nature and characteristics of the most commonly used statistical techniques (descriptive statistics, correlation and linear regression, factor analysis, and elementary hypothesis testing), and their applicability to specific health care problems within the context of nursing. This course also provides the student with the opportunity to examine procedures for advanced multivariate statistical procedures as applied in research. Emphasis is on the utilization and interpretation of multivariate procedures. An additional emphasis will be on critiquing data analysis in current research articles.

### **(0701737) Ethical and Legal Issues in Health Care (3 credit hours)**

The purpose of this course is to examine legal issues and ethical dilemmas facing healthcare professionals in the real world today. This course will help students better understand the issues they will face on the job and the implications in the legal arena. Consequences of ethical misconduct and legal malpractice are explored. Emphasis is on ethical decision-making processes and recognition of negligent practices. Focus is on case analysis of legal and ethical issues.

### **(0701738) Healthcare Informatics (3 credit hours)**

This course introduces students to the principles and application of major information systems approaches in the delivery and administration of health care. In addition to application of healthcare informatics in clinical practice, other areas of informatics application are emphasized such as research, education, administration, and quality management. The students will have the opportunity to learn about health care informatics principles, information and communication technologies in health care, clinical information systems, electronic health records, telehealth, and health information security, confidentiality, integrity, and availability.

### **(0701739) Strategic Planning (3 credit hours)**

This course will examine strategic planning processes and issues with an emphasis on environmental scanning, competitive analysis, strategic decision making, plan making and implementation in health care settings. Additional topics include ethical concerns in plan development and implementation with especial emphasis on social justice and managing the dual tracks of strategic and operational planning.

### **(0701740) Organizational Behavior (3 credit hours)**

The primary focus of this course is to provide students with a conceptual understanding of management practice in complex health care systems. The course explores the challenges of managing the individual, the unit, the organization, and the larger system. Many concepts and principles regarding to healthcare organizations are examined including organizational theories, management models, work environment in health care, decision-making strategies, development of interpersonal skills and effective leadership styles, and organizational change strategies.

### **(0701741) Healthcare Leadership (3 credit hours)**

This course provides students with the knowledge, and skills required for effective leadership in health care system. Its primary focus is on the preparation of healthcare leaders to function in a variety of health care settings. Various leadership perspectives are explored to help students assess and improve their leadership style. Topics covered include leadership and management theories, their applications in health care system, and the implications of leadership on various aspects of healthcare organizations' administration.

### **(0701742) Continuous Quality Improvement (3 credit hours)**

This course aims at introducing the concepts and practice of Quality Management, and integrating the ideas of Quality Management within broader management concerns. This course directly addresses the major philosophies behind the design and development of a Quality Improvement Program. It guides the student through the concept of quality to the establishment of quality improvement mechanisms. In addition, various analytical tools used by Quality Improvement professionals for the collection and analysis of data are taught. This provides the student with the analytical skills to design, evaluate and implement a Quality Improvement Program.

### **(0701748) Project in Healthcare Leadership (3 credit hours)**

The course provides an opportunity for the student to apply concepts and principles of healthcare leadership, management, and quality improvement. Each student works under the close supervision of a faculty member to address and work on a real-world Healthcare organizational challenge. Student is encouraged to meet with the faculty member for consultation regularly throughout the course. This course helps to enhance students' independent learning, and critical thinking in order to develop significant improvements in the performance of healthcare organizations.

### **(0701743) Healthcare Financial Management (3 credit hours)**

This course covers the financial management function in health care organizations including operating and capital budgeting processes along with budgetary and financial controls. There will be extensive use of financial analysis tools for the health care organization and skills needed to develop basic finance and accounting foundations will be reviewed.

### **(0701744) Healthcare Safety and Risk Management (3 credit hours)**

This course is designed to help students to develop the background knowledge and skills necessary for the specialty of healthcare safety and risk management. The course will prepare students to respond to potential risk while developing methods to mitigate loss throughout healthcare organization. Various topics are covered in this course including effective methods for error disclosure, safety risk assessment and improvement methods, principles of safe system design, and related patient safety priorities.

### **(0701745) Topics in Health Law (3 credit hours)**

This course focuses on the role of law in healthcare administration and in the increasingly regulated health care industry. It is designed to provide a foundation in the relevant law for health care industry administrators. The course will emphasize the inherent conflict between individual rights and healthcare powers, and role of law in modulating this conflict. It will explore the role of health practitioners and agencies in promoting health and safety, including such issues as mandatory reporting of personal medical information, compulsory medical testing and immunization, quarantine and mandated treatment, impositions on personal freedom and behavior, and protection services for vulnerable children and the elderly.

### **(0701746) Health Policy (3 credit hours)**

This course explores existing health care policy and delivery systems including legislation, the professional disciplines, organizations and health networks, forms of care delivery, consumer needs, and economics and funding. The ability of the current health care system to serve all segments of the Jordan population is examined in depth. Global health needs are examined as a minor theme. The course ends with a focus on future forms of delivery that would improve the health care status of the population as a whole.

### **(0701747) Accreditation of Healthcare Organizations (3 credit hours)**

This course is designed to provide students with required knowledge and skills for the role of surveyor in the healthcare field. The students will have the opportunity to learn about how to evaluate institution's level of performance and compliance with various accreditation standards. Topics covered in this course include quality management systems, accreditation certificates and programs, accreditation standards, principles of surveying, surveying process, assessment approaches.