

Health care and Pharmaceutical

The Business of Health Care

Curriculum

Program Outline :

Module 1: Fundamentals of The Business of Health Care

1. Health Care Economics: Understanding the economic principles that drive the health care industry, including supply and demand, cost benefit analysis, and market competition.

2. Health Care Management: Effective management of health care organizations, including leadership, strategic planning, and operational efficiency.

3. Financial Management: Managing the financial aspects of health care organizations, such as budgeting, financial reporting, and revenue cycle management.

4. Regulatory Environment: Knowledge of the regulatory landscape, including compliance with laws and regulations that impact health care delivery and reimbursement.

5. Patient Care and Quality: Ensuring high-quality patient care while balancing cost and efficiency, including the implementation of quality improvement initiatives.

Module 2: Advanced The Business of Health Care

1. Health Care Economics and Policy: In-depth analysis of health care economics, including cost-benefit analysis, market competition, and the impact of health care policies on the industry.

2. Strategic Management: Developing and implementing strategic plans to navigate the rapidly changing health care landscape, including mergers, acquisitions, and partnerships.

3. Health Care Innovation: Exploring innovative solutions such as telemedicine, digital health tools, and personalized medicine to improve patient care and operational efficiency.

4. Health Care Quality and Safety: Implementing advanced quality improvement initiatives and safety protocols to enhance patient outcomes and reduce medical errors.

5. Health Care Leadership: Developing leadership skills to effectively manage health care organizations, including change management, team building, and effective communication.

Module 3: Practical Applications

1. Patient Care and Management:

Medication Therapy Management (MTM): Pharmacists optimize medication regimens to improve therapeutic outcomes and reduce adverse effects.

2. Clinical Practice:

Patient Counseling: Educating patients on proper medication use, potential side effects, and lifestyle modifications to enhance health outcomes.

3. Pharmaceutical Research and Development:

Drug Discovery and Development: Conducting research to discover new medications and develop existing ones

4. Healthcare Technology and Innovation:

Telemedicine: Using telehealth platforms to provide remote consultations, follow-ups, and health monitoring

Module 4: Capstone Project

1.Impact of Telemedicine on Patient Outcomes

Analyze the effectiveness of telemedicine in improving patient outcomes, especially for chronic disease management .

2.Pharmaceutical Waste Management

Develop strategies to reduce pharmaceutical waste and its environmental impact.

3.Medication Adherence in Elderly Patients

Investigate factors affecting medication adherence among elderly patients and develop interventions to improve adherence.

4.Implementation of an Electronic Health Records (EHR) System

Assess the challenges and benefits of implementing an EHR system in a healthcare facility

Elective Modules

- **Advanced Pharmacology:** Deep dive into the mechanisms of action, side effects, and interactions of various drugs.
- **Clinical Research Methods:** Learn about designing and conducting clinical trials, data analysis, and ethical considerations.
- **Health Informatics:** Study the use of information technology in healthcare, including electronic health records and data management.
- **Global Health:** Explore health issues and solutions in a global context, including international health policies and practices

Websites:

- <https://chools.in/>
- <https://ramaqchools.com/>
- <https://www.choolsgroup.com/>