

Health care and Pharmaceutical

Good Laboratory Practices (GLP) Certified Compliance Professional™ (GLPCP)

Curriculum

Program Outline :

Module 1: Fundamentals of Good Laboratory Practices (GLP) Certified Compliance Professional™ (GLPCP)

- 1. Regulatory Knowledge:** Comprehensive understanding of GLP regulations and guidelines set by organizations like the FDA and OECD.
- 2. Study Planning and Conduct:** Planning, performing, monitoring, recording, and reporting non-clinical laboratory studies to ensure compliance with GLP.
- 3. Documentation and Record Keeping:** Maintaining accurate and complete documentation of all study-related activities and data.
- 4. Quality Assurance:** Implementing quality assurance processes to ensure the integrity and reliability of study data.
- 5. Auditing and Inspection:** Conducting internal and external audits to verify compliance with GLP and identifying areas for improvement.

Module 2: Advanced Good Laboratory Practices (GLP) Certified Compliance Professional™ (GLPCP)

GLP Compliance Expertise: Validates advanced knowledge of Good Laboratory Practices (GLP) as defined by regulatory authorities such as the FDA, OECD, and EMA for non-clinical laboratory studies.

Quality Assurance Focus: Emphasizes best practices in laboratory operations, including documentation, data integrity, equipment calibration, and method validation to ensure reliable and reproducible results.

Risk and Ethics Management: Trains professionals in identifying risks, maintaining ethical standards, and ensuring laboratory compliance with global regulatory requirements.

Career Opportunities: Prepares individuals for roles like GLP Compliance Manager, Laboratory Quality Specialist, or Regulatory Auditor in industries such as pharmaceuticals, biotechnology, and research organizations.

Continuing Certification: Requires ongoing education and periodic recertification to stay updated on evolving GLP standards and technological advancements in laboratory practices.

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

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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/>