Health Systems Research Training Course

Professional Development Training Course Outline

Category	Public Health	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Health Systems Research (HSR) is a critical discipline that focuses on improving how health systems are designed, financed, governed, and delivered. In the era of Universal Health Coverage (UHC), evidence-based policy making, and data-driven decision making, HSR provides the tools and methodologies needed to strengthen health systems performance, equity, efficiency, and resilience. Health Systems Research Training Course is designed to equip participants with cutting-edge competencies in implementation research, health systems strengthening, and operational research to address real-world health challenges.

With the rapid growth of digital health technologies, global health security agendas, and sustainable development goals (SDGs), health systems require adaptive and innovative research approaches. This course integrates theoretical foundations with practical case studies to enhance participants' ability to generate actionable evidence for policy and practice. It emphasizes multidisciplinary collaboration, health informatics, and community-based research approaches to transform health systems in low-, middle-, and high-income settings.

Programme Curriculum

Health Systems Research Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Strengthen competencies in Health Systems Research (HSR) methodologies
2. Apply implementation science frameworks in real-world health settings
3. Enhance skills in data-driven health decision making
4. Develop capacity in evidence-based health policy formulation
5. Understand health systems strengthening (HSS) strategies
6. Conduct operational research in healthcare delivery systems
7. Integrate digital health and health informatics tools
8. Improve health service delivery evaluation techniques
9. Promote Universal Health Coverage (UHC) monitoring and assessment
10. Build skills in mixed-methods research design
11. Strengthen monitoring and evaluation (M&E) systems
12. Apply equity-focused health systems analysis
13. Foster research translation and knowledge dissemination

Target Audience

1. Public health professionals
2. Health policy makers and planners
3. Medical doctors and clinicians
4. Epidemiologists and biostatisticians
5. NGO and development partners
6. Health program managers
7. Academic researchers and lecturers
8. Digital health and health informatics specialists

Course Modules

Module 1: Foundations of Health Systems Research

- Concepts of HSR and global health systems
- Health system building blocks (WHO framework)
- Research paradigms in health systems
- Role of HSR in SDGs and UHC
- Case Study: Strengthening primary healthcare systems in rural sub-Saharan Africa

Module 2: Implementation Science in Health Systems

- Implementation research frameworks
- Scaling up health interventions

- Barriers and facilitators in implementation
- Real-world evidence generation
- Case Study: Scaling malaria interventions in endemic regions

Module 3: Health Data Systems & Digital Health

- Health information systems (HIS)
- Electronic medical records and interoperability
- Big data analytics in health
- Mobile health (mHealth) innovations
- Case Study: Digital vaccination tracking system in urban clinics

Module 4: Health Policy and Systems Analysis

- Policy cycle and health governance
- Stakeholder analysis
- Policy evaluation tools
- Political economy of health systems
- Case Study: National health insurance reform evaluation

Module 5: Monitoring, Evaluation & Learning (MEL)

- Designing M&E frameworks
- Indicators and performance measurement
- Impact evaluation techniques
- Adaptive learning systems
- Case Study: Maternal health program evaluation in East Africa

Module 6: Mixed Methods Research in Health Systems

- Quantitative and qualitative integration
- Survey design and sampling
- Focus group discussions and key informant interviews
- Data triangulation techniques
- Case Study: Community health worker effectiveness study

Module 7: Health Economics and Financing

- Health financing models
- Cost-effectiveness analysis
- Resource allocation strategies
- Universal health coverage financing
- Case Study: Cost analysis of immunization programs

Module 8: Knowledge Translation & Research Utilization

- Evidence-to-policy translation
- Scientific communication strategies
- Policy briefs and stakeholder engagement
- Research dissemination platforms
- Case Study: Translating HIV research into national policy

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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