

## ABOUT RAKMHSU

RAK Medical and Health Sciences University is a comprehensive Health Sciences University established in 2006 and owned by the Government of Ras Al Khaimah. With the support and guidance from His Highness Sheikh Saud Bin Saqr Al Qasimi, Supreme Council Member and Ruler of Ras Al Khaimah, RAKMHSU has grown from strength to strength in the last 19 years with more than 3152 graduates. RAKMHSU has become a place of not only academic reputation but also of cultural integration.

RAKMHSU collaborates with health authorities and regulatory bodies in the United Arab Emirates to enhance the provision of health services, education, and research. This initiative fosters mutual benefits through partnerships with hospitals and health institutions. In alignment with the UAE's strategic initiatives, we have expanded our offerings in postgraduate programmes such as micro-credential, Diplomas, Master's degrees, and PhDs. Notably, this year, we introduced the Master of Science in Clinical Education, which is mainly focused on strengthening capacities for residency education in UAE and the region.



## ABOUT CHWD

The Center for Health Workforce Development (CHWD) at RAKMHSU is a regional hub dedicated to strengthening the health workforce through competency-based education, applied research, and professional development.

CHWD designs and delivers postgraduate programs, micro-credentials, leadership pathways, and continuing professional development initiatives aligned with national and global workforce frameworks. The Center works closely with ministries, academic institutions, and international partners to support workforce readiness and health system transformation.

## Contact Us

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EXCELLENT



جامعة رأس الخيمة للطب والعلوم الصحية  
RAK Medical & Health Sciences University



## MASTER OF SCIENCE IN EPIDEMIOLOGY IN PRACTICE (MSC EIP)

Applied epidemiology for  
real public health impact





## PROGRAM OVERVIEW

The Master of Science in Epidemiology in Practice is a competency-based, practice-oriented program.

The program is delivered in collaboration with the International Academy of Public Health (IAPH).

It prepares you to investigate outbreaks, analyze surveillance data, manage public health emergencies, and design evidence-based interventions.

The program integrates theory, applied learning, and field research.

Graduates are ready to work across health systems, NGOs, humanitarian agencies, and research institutions.

## WHO SHOULD APPLY

Health professionals working in:

- Ministries of Health
- Public health programs
- NGOs and humanitarian agencies
- Surveillance and disease control units
- Research institutions

Applicants must hold a bachelor's degree and have at least one year of health sector experience.

## PROGRAM STRUCTURE

Total: 36 Credit Hours | 3–4 Semesters

### Semester 1

- Basics of Epidemiology
- Public Health Surveillance & Outbreak Investigation
- Public Health Emergency Management
- Communicable Diseases

### Semester 2

- Basics of Biostatistics
- Public Health Support Skills
- Two Electives

### Semester 3–4

- Research Methods and Writing
- Thesis (9 CH)

### ELECTIVE COURSES

#### Choose two:

- Risk Communication & Community Engagement
- Vaccine-Preventable Diseases
- Vector-Borne Diseases
- Environmental Health in Emergencies
- Principles of One Health
- Human Conflicts and Humanitarian Work

## MODE OF DELIVERY

- Modular structure
- Flexible online learning
- Case studies and simulations
- Interactive expert sessions
- Applied projects and discussions

## AWARD LEVELS

- Level Credit Hours Award
- PG Certificate 12 CH Certificate
- PG Diploma 24 CH Diploma
- MSc 36 CH Master's Degree

## CAPSTONE PROJECT

You design and implement a real public health research project.

Includes:

- Proposal and ethics approval
- Data collection and analysis
- Report writing
- Project defence

## TEACHING FACULTY

Experienced epidemiologists, public health leaders, and researchers from the UAE, region, and international institutions

## WHY CHOOSE US?

- First of its kind in the UAE
- Built for real practice
- Competency-based design
- Flexible academic pathway
- Emergency and One Health focus
- Applied research and leaders