



*In Search of Better Health*

# KENYA MEDICAL RESEARCH INSTITUTE

DOCUMENT TITLE: MSC. MOLECULAR MEDICINE

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## ENTRY REQUIREMENT

The following shall be eligible for registration for the Master of Science in Molecular Medicine.

- A holder of at least Upper Second Class Honours degree in Biological Sciences from JKUAT or M.B.Ch.B, B.D.S. or B.V.M.B. Pharmacy from any other Institution recognized by JKUAT Senate.
- Under exceptional circumstances, a holder of a Lower Second-Class Honours degree in Biological Sciences provided that the candidate produces acceptable evidence of research ability.

## DURATION AND PATTERN OF THE PROGRAMME

The duration of the Master of Science course in Molecular Medicine shall be at least eighteen months (18 months) from the date of registration.

The Master of Science course in Molecular Medicine shall consist of:

- Taught courses in the first year of study
- Research, seminars, and thesis in the second year of study.

## PROGRAMME STRUCTURE

S/No.	Course Code	Course
<b>Year One</b>		
1	TID 3100	Research Methodology
2	TID 3101	Computer Applications in Health Research
3	TID 3103	Epidemiology
4	TID 3104	Biostatistics and Demography
5	TIM 3100	Principles of Immunology
6	TIM 3101	Cell Structure and Function
7	TIM 3102	Immunity & Diseases
8	TIM 3103	Immunological Techniques I
9	TIM 3110	Cell Organization Structure and Function
10	TIM 3111	Signal Transduction and Proteomics
11	TIM 3112	Genomics and Bioinformatics