



Master of Science in Genetic Diagnostics

Basic Information

1. **Department:** Human Genetics Unit, Department of Anatomy
2. **Course Organizer:** Dr. T. Kalum Wetthasinghe,
+94 112 689 545
3. **Learning Outcomes:**
 - To develop knowledge, skills and attitudes required by scientist to deliver genetic diagnostic services.
 - To diagnose genetic diseases using laboratory techniques, genetic testing, choosing appropriate genetic investigations and interpreting results.
 - To formulate effective research proposals based on medical genetics and performing effective researches.
4. **SLQF Level:** 10
5. **Credit Hours:** 60
6. **Duration in Months:** 2 years
7. **Course Frequency:** Every two years
8. **Course Delivery:**
 - Class room teaching
 - Laboratory work
 - Research project
9. **Entry Criteria:**
 1. MBBS or equivalent degree registered with the Sri Lanka Medical Council.
 2. Foreign applicants should have a MBBS or equivalent degree registered with the Medical Council of the country of residence of the applicants.
 3. BSc.in Biomedical Sciences Subject or equivalent degree.
10. **Teaching/ Learning Method(s):**
 - Lectures
 - Online learning
 - Clinical rotation
 - Self-learning
 - Practical/laboratory sessions and assignment



- Research project

11. Assessment Method(s):

- Based on written and practical examinations for each module at the end on the 1st and 2nd semesters.
- Required to write a dissertation on research project.
- This will be examined by two examiners and defended by the student at a viva examination.

12. Lecture Panel: both internal and external

13. Tuition Fees: Rs. 200,000

14. Other Fees:

- Application Fee: Rs 5,000
- Registration Fee: Rs. 25,000
- Library Fee: Rs. 2,500