



Master of Science in Occupational Health & Safety

Basic Information

1. **Department:** Department of Community Medicine
2. **Course Organizer:** Professor Kantha Lankatilake,
+94 112 695 300 ext. 142 / 143
3. **SLQF Level:** 10
4. **Credit Hours:**
5. **Duration in Months:** 2 years
6. **Course Delivery:** Part time, during week ends
7. **Entry Criteria:**
 - **Direct Entry** - An applicant, having a bachelor's degree (SLQL 6 or above) or an equivalent degree from a recognized degree awarding institution or having a professional qualification equivalent to SLQF level 6 or above or having completed NVQ level 7 with a minimum of GPA of 3 on scale of 0-4, may be considered for admission by the academic committee (Board) for the programme conducted by the Faculty of Medicine, University of Colombo.
 - **Lateral Entry** - An applicant, having completed the Diploma/ Postgraduate Diploma in Occupational Health and Safety conducted by the Department of Community Medicine, Faculty of Medicine, University of Colombo wishes to enroll for the masters programme in Occupational Health and Safety, he/she will be eligible to enroll for the said programme only if the applicant has a basic degree (SLQL 5 or above) from a recognized degree awarding institution.
8. **No. of Students per Batch:** direct entry - 10, lateral entry - 5
9. **Teaching/ Learning Method(s):**
 - Part I:
 - Lecture/ discussion
 - Interactive learning sessions
 - Case studies
 - Assignment (individual & group) – reports
 - Class room assignment
 - Visit to work places
 - Student presentations



- Video presentations
- Laboratory sessions
- Part II:
 - Assignment
 - Preparation and submission of a dissertation
 - Journal clubs and Industrial (workplace based) training

10. Assessment Method(s):

Based on two structured written/ practical examinations, each of three hours duration at the end of the course and assignment given during the course.

Allocation of marks:

- Assignment: 30%
- End of Course Examination:
 - Theory: 40%
 - Structured Practical:30%

In order to pass the examination, the candidate should obtain a minimum of 40% in each component of the evaluation and an aggregate mark of 50

11. Tuition Fees:

- Part I:
 - Direct Entry: Rs. 80,000
 - Lateral Entry: Rs. 25,000
- Part II: Rs. 80,000/-

12. Other Fees:

- Application fee: Rs. 250
- Registration fee:
 - Part I
 - Direct Entry: Rs. 10,000
 - Lateral Entry: Rs. 5,000
 - Part II: Rs. 10,000
- Examination Fee:
 - Part I: Rs. 10,000
 - Part II: Rs. 20,00



Core course contents of Modules

Part I

1. Introduction to the study of Occupational Safety and Health,
2. Occupational hazards
3. Policies and legislation
4. Workplace accidents and safety
5. Work Physiology
6. Ergonomics
7. Occupational toxicology
8. Occupation health information, management and their use
9. Prevention and control of hazards
10. Occupational safety
11. Occupational health problems among special groups
12. Occupational Psychology
13. Occupational hygiene-I
14. Occupational disease-I and Occupational rehabilitation
15. Quality Improvement
16. Health promotion at the work place
17. Personal and professional development,
18. Emerging challenges in occupational health & 2 Optional course units
19. Occupational disease
20. Occupational hygiene-II

Part II

1. Course units on Basic Statistics and Epidemiology for Research
2. Industrial Training
3. Preparation of a Dissertation