

Planning and launching health intervention in rural area can be completely different from in urban settings. The project team (Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response, CCOUC) has rich experience in teaching health-related students about carrying health interventions in rural area. The course Field Action Lab (POPG 6801) of Master of Public Health (MPH) programme not only features a series of theory-based preparatory lectures, but also provides real hands-on experience for participating students to practice what they learn from the class.

This project aims at developing 24 micro-modules (see below for the topic of each one) as a replacement and supplement of the above-mentioned theory-based preparatory lectures that were originally being taught face-to-face. Since field work intervention is common to not just medicine / health subjects but across disciplines from arts to social sciences (e.g. history, geography and anthropology), the developed micro-modules could be a common valuable resources to allow large amount of students to capitalize on the preparation for building a field action laboratory, i.e. field-based experiential learning. Micro-modules can standardize teaching and make the teaching materials readily available for not only CUHK programmes but eventually all higher education institutions in Hong Kong and globally.

The duration of each video micro-module is around 8 minutes (a total of about 192 minutes training micro-modules) with a summative quiz towards the end of each area of teaching (applicable to only credit bearing students). The micro-modules are developed to support flipped classroom, whereby students can obtain basic knowledge required before their more interactive problem-based learning and practice activities in the field.

Study areas	Micro-modules
<i>1. Course introduction</i>	<ol style="list-style-type: none"> 1. Introduction of course objectives and assessments 2. Overview of the health situation globally 3. Discrepancy in health status between urban and rural settings
<i>2. Application of public health principles in rural settings</i>	<ol style="list-style-type: none"> 4. Methodological issues in health need assessments (I) 5. Methodological issues in health need assessments (II) 6. Planning health intervention in rural settings (I) 7. Planning health intervention in rural settings (II) 8. Planning health intervention in rural settings (III) 9. Project evaluation (I) 10. Project evaluation (II)
<i>3. Field project management</i>	<ol style="list-style-type: none"> 11. Field security issues 12. Logistics planning 13. Managing personal health 14. Implementation of health intervention 15. Technical report writing
<i>4. Health topics in rural settings</i>	<ol style="list-style-type: none"> 16. Water and sanitation (I) 17. Water and sanitation (II) 18. Indoor pollution 19. Waste management (I) 20. Waste management (II) 21. Health-related lifestyle (I)

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22. Health-related lifestyle (II)
 23. Health Emergency Disaster Risk Management (I)
 24. Health Emergency Disaster Risk Management (II)
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