

Course outline Master of Public Health: Health Management

Opening in October for MPH		
October	Orientation	Amphy Theater
	Registration	faculty of Public Health
	Orientation <ul style="list-style-type: none"> Overall introduction of University of Health Science [UHS] Regulation of being MPH students at Faculty of Postgraduate Studies [FPS] 	<ul style="list-style-type: none"> President of University of Health Science Dean of the faculty of postgraduate studies Head of student affairs unit
Year 1		
Computer skills 2 credit (2 weeks)		Coordinator: Aj. Johnly Phanthady
	Computer <ul style="list-style-type: none"> Microsoft Words Microsoft Excel Power Point Preparation for presentation Presentation Skill Searching Journal Club Table content 	Lecturer Dr. Viengnakone Vongxay Dr. Souksamone Thongmixay Aj. Johnly Phanthady
PH 540 P 131: Philosophy 1 credit (1 week)		Coordinator: Dr. Soudavanh Nathavong
	Philosophy <ul style="list-style-type: none"> ຫລັກການສັດຈະວິພາກ ວັດຖຸນິຍົມ ທິດສະດີມາກ-ເລນິນ ການປະຕິວັດໃນປະເທດລາວ ຄວາມຮູ້ທາງດ້ານເສດຖະກິດສັງຄົມ ແນວທາງເສດຖະກິດສັງຄົມ ຂອງພັກ 	Lecturer Dr. Phouthone Vangkonvily Dr. Vanhliem Baoravong
PH 540 EP 121: Epidemiology and Disease Control 4 Credits (5 weeks)		Coordinator: Dr. Kokasia
	Epidemiology <ul style="list-style-type: none"> - Introduction of Epidemiology - History of modern Epidemiology - Causation model - Nature of Diseases - Epidemiological study: Descriptive study - Epidemiological study: Analytical study (case control and Cohort) - Epidemiological study: Clinical Trial study - Epidemiological study: Systematic Review and Meta analysis - Measurement of Frequency - Measurement of Risk - Measurement of Impact - Standardization - Screening - How to use diagnostic test - Bias 	Lecturer Dr. Alongkone Phengsavanh Dr. Visanou Hansana Dr. Soulideth Sengchanh Dr. Latsamy Siengsounthone (NIOPH) Dr. Khanthanouvieng Xayabounthavong (CHAS)

	<ul style="list-style-type: none"> - Cancer control - Malaria Control - Thalassemia control - Epidemiology of Communicable disease - Alcohol Control in Community - TB control in Community - STI and HIV control in Community - Control of Hypertension and DM in community - Injury prevention 	
PH 540 BI 121: Bio-statistic	3 Credits (3 weeks)	Coordinator: Aj. Johnly Phanthady
	<p>Bio-statistic</p> <ul style="list-style-type: none"> - Overview of stata - Descriptive Statistics - Hypothesis testing - Mean comparison - Non parametric - Sample size calculation - Analysis 	<p>Lecturers</p> <p>Dr. Kongmany Chareunvong</p>
PH 540 RM 121: Research methodology	3 Credits (4 weeks)	Coordinator: Dr. chansathit taikeopithoun
	<p>Research Methods</p> <p>Quantitative research methods</p> <ul style="list-style-type: none"> - Introduction to public health research - Objective - Hypothesis - Conceptual framework - Literature review - Data Collection - Research management - Research ethics - Data analysis <p>Qualitative research methods</p> <ul style="list-style-type: none"> - Overview - Study design - Research interview - Observation - Focus group - Discussion - Content analysis 	<p>Lecturer</p> <p>Dr. Vanphanom Sychareun Dr. Visanou Hansana Aj. Kongmany Chareunvong Dr. Alongkone Phengsavanh Dr. Viengnakone Vongxay Dr. Souksamone Thongmyxay</p>
	Concept Presentation 3 Majors (MPH, Nutr, EPI)	<p>Coordinator: Dr. Phouthong</p> <p>Lecturer</p> <p>Dr. Vanhphanom Sychareun Dr. Alongkone Phengsavanh Dr. Visanou Hansana Dr. Kongmany Chareunvong Dr. Latsame Oulay Dr. Viengnakone Vongxay Dr. Souksamone Thongmixay Aj. Johnly Phanthady</p>
PH 540 HM 121: Public Health Management	3 Credits (4 weeks)	Coordinator: Dr. Latsamy OULAY
	Public Health Management	Lecturer

	<ul style="list-style-type: none"> • Health Management • Leadership • Humane resource management • Organization Analysis by SWOT • Projective circulation • Overview MDGs of ministry of health • Planning procession • Primary health Care 	Dr. Chandavone Dr. Phavit Dr. Chansaly Dr. Phouthone Vangkonvily Dr. Vanhphanome Sychareun Dr. Phasouk Vongvichit Dr. Phouthong Phommavong
PH 540 HM 121: Hospital Administration 2 credits (3 weeks)		
	Hospital Administration <ul style="list-style-type: none"> • Health Services • Planning management • Financial monitoring • Manage Service Care and Supply Facilities • Health Management • Manage waste and hazardous • Human resource management • Health information management • Adaptation human resource management at hospital 	Lecturer Dr. Pisith Phoysvath Dr. Amphone (Director of Nursing Care) Ajan (Mahidol)
PH 540 HF 131: Demography 1 credit (2 weeks)		
	Demography <ul style="list-style-type: none"> • ປັດໃຈກຳໜົດ ສຸຂະພາບ • ການຕະລາດ • ພຶດຕິກຳສຸຂະພາບບຸກຄົນ • ພຶດຕິກຳສຸຂະພາບ ລະຫວ່າງບຸກຄົນ • ພຶດຕິກຳສຸຂະພາບ ແລະ ເຈັບເປັນ • ຮູບແບບການປ່ຽນແປງ ພຶດຕິກຳສຸຂະພາບ • ມຸມມອງພຶດຕິກຳສຸຂະ ພາບອັນອື່ນ • ການນຳໃຊ້ທິດສະດີສຸຂະພາບສັງຄົມ 	Lecturers Dr. Visanou Hansana Ajan. Kongmany Chaleunvong
PH 540 FP 11: Nutrition 2 credits (3 weeks)		
	Nutrition <ul style="list-style-type: none"> • Nutrition condition • Evaluation community nutrition status • Evaluation individual and community dietary • Management of food supply • Policy on reproductive health, and project & planning • National nutrition program • Nutrition issue in Lao PDR and nutrition improvement • Nutrition communication • 1000 Days • Elderly Nutrition • Nutrition adolescent 	Lecturer Dr. Vanphanom Sycharen Dr. Alongkone Phengsavanh Dr. Sengchanh Kounavong Dr. Vassana Thammavongsa Dr. Souksamone Thongmixay
PH 540 P 131: Health Promotion and Health behavior 3 credits (4 weeks)		
Coordinator: Dr. Latsame Oulay		

	<p>Health Promotion and Health behavior</p> <ul style="list-style-type: none"> • ບົດນຳພະຍາດຕິດແປດ ແລະ ບໍ່ຕິດຕິດແປດ • ຫຼັກການຄວບຄຸມ ແລະ ຍຸດທະສາດ ຂອງ ບັນດາພະຍາດຕິດແປດ ແລະ ພະຍາດທີ່ບໍ່ມີການຕິດແປດ • ໄລຍະຂ້າມຜ່ານທາງດ້ານລະບາດວິທະຍາຂອງບັນດາພະຍາດ • ການຊອກຄົ້ນຫາການລະບາດ • ພະຍາດທີ່ມີການຕິດຕໍ່ທາງປາກ-ອາຈີມ • ພະຍາດທີ່ມີການຕິດຕໍ່ໂດຍຜ່ານທາງໜ້າດິນ • ພະຍາດທີ່ມີການຕິດຕໍ່ໂດຍການສຳພັດກັບນ້ຳ • ການຕິດເຊື້ອໂດຍທາງອາກາດ • ການຕິດເຊື້ອທາງຜິວໜັງ • ບັນດາພະຍາດທີ່ມີການຕິດຕໍ່ໂດຍທາງທາດແຫຼວຂອງຮ່າງກາຍ • ພະຍາດທີ່ມີການຕິດຕໍ່ຈາກແມງໄມ້ • ໂຄງການຂະຫຍາຍຕາໜ່າງການສັກຢາກັນພະຍາດ • ພະຍາດບາດທະຍັກ • ພະຍາດລະບົບຫົວໃຈ ເສັ້ນເລືອດ • ພະຍາດເປົາຫວານ • ມະເຮັງ 	<p>Lecturer</p> <p>Dr. Vanhphanom Sychareun Dr. Latsame Oulay Dr. souksamone Thongmixay</p>
<p>PH 540 NU 131: Health Eco emic and Health Financing 2 credits (3 weeks)</p>		<p>Coordination: Dr. vanhnasith</p>
	<p>Health Eco emic and Health Financing</p> <ul style="list-style-type: none"> • Introduction to Health financing schemes • Financial analysis • Models financial analysis • Financing strategies • Grant proposal • Host analysis • Host Effectiveness • Universal coverage 	<p>Lecturers</p> <p>Dr. kongmany Chareunvong Dr. Vanphanom Sycharen Dr. Maitee Dr. Viengsay vilavong</p>
<p>PH 540 HF 131: Health Policy Development 2 credits (3 weeks)</p>		<p>Coordinator: Dr. Phonevilay</p>
	<p>Health Policy Development</p> <ul style="list-style-type: none"> • ນະໂຍບາຍຂອງລັດແມ່ນຫຍັງ? • ການນຳສະເໜີຕໍ່ການວາງແຜນດ້ານນະໂຍບາຍ • ການນຳສະເໜີການວິເຄາະ ແລະ ອອກແບບດ້ານນະໂຍບາຍ • ການນຳສະເໜີການແປຜົນນະໂຍບາຍເຂົ້າໃນພາກປະຕິບັດຕົວຈິງ • ການນຳສະເໜີຕໍ່ການປະເມີນຜົນນະໂຍບາຍ 	<p>Lecturers</p> <p>Dr. Phouthone Vangkonvily Dr. vanhphanom schareun Dr. Varapos (Mahasalakham) Dr. Dr. Phonevilay Ajan (singkapore)</p>
<p>PH 540 DM 121: Family Health (MCH/Reproductive health) (3 credits) (4 weeks)</p>		<p>Coordinator: Dr. vassana and chansathit</p>
	<p>Family Health</p> <ul style="list-style-type: none"> • Reproductive health and youth sexuality 	<p>Lecturer</p>

	<ul style="list-style-type: none"> • Health family planning and genital diseases • Contraceptive indicator and Consequence of unwanted pregnancy • Quality service care of reproductive health component • Human trafficking, and Gender equality & sexual education & violence • Maternal and neonatal care status including maternal and child death indicator • Policy on maternal health and secure, and integration mother and child care • Mental Health 	<p>Dr. Vanhphanom Sychareun Dr. Alongkone Phengsavanh Dr. Manisone Oudome Dr. Amphoy Sihavong Dr. Sysavanh Phommachanh Dr. Sysouvanh Xayavong Dr. Doungphachanh Xaysomphou</p>
PH 540 HF 131: Environment/Occupation health 2 credits (3 weeks)		Coordinator: Dr. vanhsty and soudavanh
	<p>Environmental & Occupational health</p> <ul style="list-style-type: none"> • Overview of OHS <p>Workplace of environmental hazards</p> <ul style="list-style-type: none"> • Physical hazards • Chemical hazards • Biological hazards (Ergonomics & Psychology) <p>Human excreta management</p> <p>Introduction of Environmental Health</p> <ul style="list-style-type: none"> • Water supply • Wastewater treatment <p>Air pollution management:</p> <ul style="list-style-type: none"> • Outdoor air pollution • Indoor air pollution <p>Solid waste management</p> <ul style="list-style-type: none"> • Hazardous waste management (Health care waste management) <p>Housing sanitation</p> <ul style="list-style-type: none"> • Food sanitation • Health impact assessment <p>Disaster and injury</p>	<p>Lecturer</p> <p>Lect. Dr. Taipasavanh Dr. Amphavong Dr Buakeo Dr. Viengnakonhe Vongxay</p>
Thesis procession and seminar 16 credits (16 weeks)		Coordinator: Dr.Phouthong
	<p>Seminar 1: Concept Note</p> <ul style="list-style-type: none"> • Thesis topic • Background • Objective • Hypothesis <p>Seminar 2: Concept note</p> <ul style="list-style-type: none"> • Literature review <ul style="list-style-type: none"> ○ Searching ○ Reference 	<p>Dr. vanhphanom schareun Dr. Viengnakone Vongsay Dr. Souksamone Thongmixay Dr. Phouthong Phummavongsa Dr. Vassana Thammavongsa Dr. Vathsana Sompheth</p>

	<p>Seminar 3: Writing Proposal and Thesis</p> <ul style="list-style-type: none"> • Thesis topic • Background • Objective • Hypothesis • Literature review <ul style="list-style-type: none"> ○ Searching ○ Reference • Methodology • Tools 	<p>Dr. Vanphanom Sycharen Dr. Visanou Hansana Dr. Alongkone Phengsavanh Dr. Phouthong Phummavongsa Dr. Vassana Thammavongsa Dr. Vathsana Sompheth Dr. Viengnakone Vongsay Dr. Souksamone Thongmixay</p>
	<p>Seminar 4: Field work at</p>	<p>Dr. Phouthong Phummavongsa Dr. Vassana Thammavongsa Dr. Vathsana Sompheth Dr. Souksamone Thongmixay</p>
	<p>Seminar 5: Proposal Defense</p>	<p>Proposal Defense Committees</p>
	<p>Data collection field</p>	
	<p>Seminar 6: Progress of Data Collection and Data Entry</p>	<p>Supervisors and co-supervisors Dr. Phouthong Phummavongsa Dr. Vassana Thammavongsa Dr. Vathsana Sompheth</p>
	<p>Seminar 7: Writing Thesis</p>	<p>Supervisors and co-supervisors Dr. Vanphanom Sycharen Dr. Visanou Hansana Dr. Alongkone Phengsavanh Dr. Mayfong Maysay Dr. Sysavanh Phommachanh Dr. Phouthong Phummavongsa Dr. Vassana Thammavongsa Dr. Vathsana Sompheth Dr. Viengnakone Vongsay Dr. Souksamone Thongmixay</p>
	<p>Thesis Defense</p>	<p>Thesis Defense Committees</p>
	<p>Improve Thesis with the adviser and Public paper</p>	<p>Supervisors and co-supervisors</p>
	<p>Manuscript</p>	<p>Supervisors and co-supervisors</p>
	<p>Formatting Thesis with format team</p>	<p>Team Formatting</p>
	<p>Final Thesis Submit</p>	<p>Student Affairs Unit</p>
	<p>Preparing for Graduation</p>	<p>UHS Public Health team</p>