

*7th Annual
Field Course in Conservation Biology & Global Health:
At the Human-Environment Interface*

**TENTATIVE SCHEDULE
14-18 November 2018**

Day 1: 14 November 2018 at MSU and Kosumphi Forest Park		
Time	Duration	Events
08:30-08:45	15 mins	Registration
08:45-09:00	15 mins	Field course opening remark Dean of Faculty of Environment and Resource Studies
09:00-09:45	30 mins	Introduction to the course pre-course assessment test Prof. Randall C. Kyes
09:45-10:00	15 mins	Group Photo
10:00-10:15	15 mins	Refreshment and coffee break
10.15-11.15	1 hr	Leave FERS-MSU to Kosumphi Forest Park, Maha Sarakham Province
11.15-12.00	45 mins	Unpack and relax
12:00-13:00	1hr	Lunch
13:00-14:45	1hr 45 mins	Lecture: Overview: The Human-Environment Interface Conservation Biology: An Introduction Threats to Biological Diversity Global Health – An Introduction Risks to Human Health Prof. Randall C. Kyes
14:45-15:00	15 mins	Refreshment and coffee break
15:00-16:45	1hr 45 mins	Lecture: Field Study Methods Observational Techniques & Field Awareness Field Study Technology – Geomatics (GIS, GPS, RS) Population Survey Methods Behavioral Sampling Methods Biological Sampling Methods Prof. Randall C. Kyes
16.45-18.00	1 hr 15 mins	shower and relax
18.00-19.00	1 hr	dinner
19.00-20.00	1 hr	Summarizing Activity
		Stay at Kosumphi Forest Park

Note: Snacks and drinks will be provided during the activities.

Day 2: 15 November 2018 at Kosumphi Forest Park		
Time	Duration	Events
07.00-08.00	1 hr	Breakfast
08:00-09:30	1 hr 30 min	Field exercise: Field equipment -GPS, Range Finder, Trap camera, Blow pipe,UAV Prof. Randall C. Kyes
09:30-10:45	1 hr 15 mins	Lecture: Lotic Ecosystems and Aquatic Insect Sampling Methods Dr. Pensri Kyes and Dr.Penkhae Thamsenanupap
10:45-11:00	15 mins	Refreshment and coffee break
11:00-12:00	1 hr	Lecture: Wildlife Diversity of Thailand & Lao PDR Assist. Prof. Dr. Tawatchai Tanee and Mr. Daosavanh Sanamxay
12:00-13:00	1 hr	Lunch
13:00-14:20	1 hr 20 mins	The Primates: Classification, Behavior, Social Organization, Reproduction and Development Prof. Randall C. Kyes
14:20-15:20	1 hr	Lecture: Management and Conservation Strategies Ecosystem Management (IBT, Protected Areas) Breeding Programs (Zoos, Captive, Natural Habitat) Rehabilitation/Reintroduction Programs Community Outreach Education Programs Prof. Randall C. Kyes
15.30-16.30	1 hr	Field exercise: Field equipment -GPS, Range Finder, Trap camera, Blow pipe,UAV Prof. Randall C. Kyes
16.30-18.00	1 hr 30 mins	shower and relax
18.00-19.00	1 hr	dinner
19.00-20.00	1 hr	Light Trap Sampling (Mercury Vapor) (Instructors)
20.00-20.30	30 mins	Summarizing Activity
		Stay at Kosumphi Forest Park

Note: Snacks and drinks will be provided during the activities.

Day 3: 16 November 2018 at Kosumphi Forest Park		
Time	Duration	Events
07.00-08.00	1 hr	Breakfast
08.00-09.30	1 hr 30 mins	Lecture: Management and Conservation Strategies (cont.) Aquatic Insects as Bioindicators of Lotic Ecosystems Dr. Pensri Kyes and Dr.Penkhae Thamsenanupap
09.30-09:45	15 mins	Refreshment and coffee break
09:45-10:45	1 hr	Lecture: Management and Conservation Strategies (cont.) Prof. Randall C. Kyes
10.45-12.00	1 hr 15 mins	The Reports of Emerging Infectious Disease & Human Health Risks in Kosumphisai District by Kosumphisai Hospital Record Kosumphisai Hospital staff
12:00-13:00	1 hr	Lunch
13:00-16:00	3 hrs	Community Outreach Education Program at Wat Klang Kosum School (Instructors)
16:00-18:00	1 hr	shower and relax
18.00-19.00	1 hr	dinner
19.00-20.30	1 hr 30 mins	Data Presentation
20.30-21.00	30 mins	Summarizing Activity
		Stay at Kosumphi Forest Park

Note: Snacks and drinks will be provided during the activities.

Day 4: 17 November 2018 at Kosumphi Forest Park		
Time	Duration	Events
07:00-08:00	1 hr	Breakfast
08:00-09:00	1 hr	Human-Wildlife Interface Human-Wildlife Interaction and Conflict Human-Primate Conflict Risks to Primates (Conservation Medicine) Emerging Infectious Disease & Human Health Risks Prof. Randall C. Kyes and Dr. Natapol Pumipuntu
09:00-10:00	1 hr	Lecture: Management and Conservation Strategies (cont.) Fundamentals of Conservation Genetics Prof. Arunrat Chaveerach and Dr. Runglawan Sudmoon
10:00-10:15	15 mins	Refreshment and coffee break
10:15-12:00	1 hr 45 mins	Lecture: Global Environmental Issues and Sustainability •History: Global Environmental Issues •Sustainable Development •Global Warming/ Climate Change - Ecological Effects; Challenges in Water Resources Management; Mitigation and Adaptation to Climate Change Dr. Wichitra Singhirunnusorn
12:00-13:00	1 hr	Lunch
13:00-17:00	4 hrs	Field Exercise at Kosumphi Forest Park: Line transect sampling Behavior sampling method Fecal collection Instructors (Prof. Randall C. Kyes)
17:00-18:00	1 hr	Leave Amphoe Kosumphisai to FERS-MSU

Note: Snacks and drinks will be provided during the activities.

Day 5 : 18 November 2018 at MSU		
Time	Duration	Events
08:30-10:00	1 hr 30 mins	Fecal Parasite Analysis Prof. Randall C. Kyes
10:00-10:15	15 mins	Refreshment and coffee break
	30 mins	Lecture: Human-Wildlife Interface (cont.) Traditional knowledge of ethnomedicinal plants Assist. Prof. Dr. Tawatchai Tanee
10:15-12:00	1 hr 45 mins	Lecture: Human-Wildlife Interface (cont.) Issues in Global Health: Health Concerns of the Local People Medical Entomology: Aquatic Insects and Human Health Biomedical Research & Translational Science Prof. Randall C. Kyes
12:00-13:00	1 hr	Lunch
13:00-15:00	2 hrs	Issues in Global Health (Continued) Prof. Randall C. Kyes
15:00-15:15	15 mins	Refreshment and coffee break
15:15-16:00	45 mins	Post-course assessment test Closing and Presentation of Certificates

Note: The schedule may be subject to change as appropriate