

TENTATIVE SCHEDULE
MSc. IN CLINICAL EPIDEMIOLOGY (THAI CERTC CONSORTIUM)
1st SEMESTER (June 3 – July 2 2010)
Khon Kaen University, Thailand

Week 1 (3 – 4 June, 2010)					
Date	Time	Course Content	Course	Instructor	Room
Thu 3	09.00 – 09.30	Meeting with Curriculum Executive Board		Chairman of Master Curriculum Committee (Prasert)	
	09.30 – 10.00	Overview of education facilities and support provided by Master of Sciences Program in Health Development		Chairman of Master Curriculum Committee (Prasert)	
	10.00-11.00	What and how to learn		Pichet	
	11.30-13.30	Meeting Advisors and lunch together at Dusit Thani Hotel, ground floor			
Fri 4	09.00 – 12.00	➤ Essential Statistics I	Stat.	Chulaluk	(จฟ้า)
	13.00 – 16.00	➤ Essential Statisitcs II	Stat.	Chulaluk	(จฟ้า)

Week 2 (7-11 June, 2010)					
Date	Time	Course Content	Course	Instructor	Room
Mon 7	09.00 – 11.30	➤ Welcome to KKU & Faculty of Medicine ➤ Introduction and overview to the course		CEU Director Somkiat	CEU
	11.30 – 12.00	➤ Meet Dean of Faculty of Medicine		Dean	
	12.00 – 13.00	➤ Lunch with staffs and Faculty members		All staff	
	13.30 – 15.30	➤ Tour of KKU Medical Library & Online Resources		Library Staffs	
Tue 8	09.00 – 12.00	➤ Overview of Critical Appraisal	C.A.	Sompon	CEU
	13.30 – 16.30	➤ Scientific reasoning and process	C.A.	Sumitr	
Wed 9	09.00 – 10.00	➤ Computer & Research	Com.	Somkiat	ห้องประชุม ตักศิลา คณะสาธารณสุขฯ ชั้น 1 อาคารอรุณ จิรวัดน์กุล
	10.15 – 12.00	➤ Presentation Techniques	Com.	Somkiat	
	13.30 – 14.30	➤ Overview of Literature Searching	Com.	Somkiat	
	14.45 – 16.30	➤ Searching PubMed 1	Com.	Somkiat	
Thu 10	09.00 – 10.30	➤ Searching PubMed 2	Com.	Kittisak/Wasee	
	10.45 – 12.00	➤ Searching Scopus 1	Com.	Kittisak/Wasee	
	13.30 – 14.30	➤ Searching Scopus 2	Com.	Kittisak/Wasee	
	14.45 – 16.30	➤ Google Scholar, Scirus & Others	Com.	Kittisak, Wasee, Somkiat	
Fri 11	09.00 – 10.30	➤ Managing References with Zotero & Jabref	Com.	Somkiat	
	10.45 – 12.00	➤ Managing References with & EndNote	Com.	Kittisak/Wasee	
	13.30 – 14.30	➤ Citation & Styles	Com.	Kittisak/Wasee	
	14.45 – 16.30	➤ Conclusions, Q&A		Kittisak, Wasee, Somkiat	

CEU - ห้องประชุมสำนักงานระบาศวิทยา อาคารสมเด็จพระศรีนครินทร์ราชบรรมราชชนนี(อนุสรณ์) ชั้น 16

โทรศัพท์ 043-202484, 366575, 366577 ภายใน 66575, 66577

Week 3 (14-18 June, 2010)

Date	Time	Course Content	Course	Instructor	Room
Mon 14	09.00 – 12.00	➤ Formulation of Research Question	C.A.	Pyatat	CEU
	13.30 – 16.30	➤ Research Designs	C.A.	Suwanna	
Tue 15	09.00 – 12.00	➤ How to read articles about Natural History & Prognosis	C.A.	Kanchana	CEU
	13.30 – 16.30	➤ Statistical methods in articles about Natural History & Prognosis	C.A.	Bandit & Team	
Wed 16	09.00 – 12.00	➤ How to read articles about Causation	C.A.	Patravoot	CEU
	13.30 – 16.30	➤ Statistical methods in articles about Causation	Stat	Bandit & Team	
Thu 17	09.00 – 12.00	➤ Overview of Biostatistics 1	Stat	Bandit & Team	ห้องประชุม ดักศิลา
	13.30 – 16.30	➤ Overview of Biostatistics 2	Stat.	Bandit & Team	คณะสาธารณสุขฯ ชั้น 1
Fri 18	09.00 – 12.00	➤ Workshop: Introduction to STATA, & Statistics for critical appraisal	C.A.	Bandit Somkiat/ Kaewjai	CEU
	13.30 – 16.30	➤ Workshop: Introduction to R , & Statistics for critical appraisal	Stat.	Cheata /Porjai Kaewjai Somkiat/	

Week 4 (21– 25 June, 2010)

Date	Time	Course Content	Course	Instructor	Room
Mon 21	09.00 – 12.00	➤ How to read articles about Diagnostic Test	C.A.	Panita / Jadsada	CEU
	13.30 – 16.30	➤ Statistical methods in articles about Diagnostic Test	Stat	Bandit & Team	
Tue 22	09.00 – 12.00	➤ How to read articles about Treatment		Somkiat	CEU
	13.30 – 16.30	➤ Statistical methods in articles about Treatment	Stat.	Bandit & Team	
Wed 23	09.00 – 12.00	➤ How to read articles about Systematic Reviews	C.A.	Somkiat	
	13.30 – 16.30	➤ Tutorials on Statistics		Bandit & Team	
Thu 24	09.00 – 12.00	➤ Tutorials on Critical Appraisal	C.A	Suwanna Somkiat Wimolrat	CEU
	13.30 – 16.30	➤ Statistical methods in articles about Systematic Reviews	Stat.	Malinee	
Fri 25	09.00 – 12.00	➤ <i>Submit paper for Mock Presentation</i>		Jaruwan certc@kku.ac.th	CEU
	12.00 – 18.00	➤ Mock Presentation on Critical Appraisal		All Staff	

Week 5 (June 28 – July 2, 2010)					
Date	Time	Course Content	Course	Instructor	Room
Mon 28	09.00 – 12.00	➤ SDL		SDL	CEU
	13.30 – 16.30	Mock Presentation on Critical Appraisal		All CEU Staffs	
Tue 29	09.00 – 12.00	➤ Correction of final paper		SDL	
	13.30 – 16.30	➤ Submit Final Paper for Presentation		SDL	
Wed 30	09.00 – 12.00	➤ SDL		SDL	
	13.30 – 16.30	➤ SDL		SDL	
Thu 1	09.00 – 12.00	➤ SDL			
	13.30 – 16.30	➤ Academic activity		All	
Fri 2	09.00 – 16.30	Final Presentation on Critical Appraisal		External evaluators	ห้องประชุม 1-2 ชั้น 18 สว.1
	18.00 – 19.30	Farewell Dinner (ณ ราชาวดี รีสอร์ท)		All	

6 th wk (July 5–9, 2010)				
Date	Time	Topic	Module	Instructor
Mon 5	09.00-12.00	➤ Introduction to Courses RM & RDP	R.M.	Staff
	13.00-16.00	➤ Practice research I	RDP	Kavanagh
Tue 6	09.00-12.00	➤ Introduction to statistical programs	Stat.	Chulaluk
	13.00-16.00	➤ Self study		SDL
Wed 7	09.00-12.00	➤ Practicing research II	RM	Kavanagh
	13.00-16.00	➤ Self study		SDL
Thu 8	09.00-12.00	➤ Descriptive study	RM	Samonporn
	13.00-16.00	➤ Self study		(เลื่อนไปก่อน)
Fri 9	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL

7 th wk (July 12–16, 2010)				
Date	Time	Topic	Module	Instructor
Mon 12	09.00-12.00	➤ Diagnostic test I	RM	Somjai
	13.00-16.00	➤ Self study		SDL
Tue 13	09.00-12.00	➤ Probability and probability Distribution	Stat.	Somrat
	13.00-16.00	➤ Self study		SDL
Wed 14	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Thu 15	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Fri 16	09.00-12.00	➤ 1,-2 way Analysis of Variance : Lecture	Stat.	Chulaluk
	13.00-16.00	➤ 1,-2 way Analysis of Variance : Practice	Stat.	Chulaluk

Place : Chulalongkorn = Room 209, 2nd floor, Anandhamahidol Bldg.
 Siriraj = Room 1037, 10th floor Adulyadej Vikrom Bldg.

8 th wk (July 19-23, 2010)				
Date	Time	Topic	Course	Instructor
Mon 19	09.00-12.00	➤ Research methodology on therapy I	R.M.	Kammant/ Wasan
	13.00-16.00	➤ Research methodology on therapy II	R.M.	Kammant/ Wasan
Tue 20	09.00-16.00	➤ Methods for Randomization	Stat.	Kittisak
		➤ Inference on means	Stat.	Somrat
Wed 21	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Thu 22	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Research Methodology on etiology	R.M.	Chearchai
Fri 23	09.00-12.00	➤ Simple Correlation and regression	Stat.	Somrat
	13.00-16.00	➤ Self study		SDL

9 th wk (July 26-30, 2010)				
Date	Time	Topic	Course	Instructor
Mon 26	09.00-12.00	Public Holiday Asarnhabucha		
	13.00-16.00			
Tue 27	09.00-12.00	Public Holiday Buddhist Lent Day		
	13.00-16.00			
Wed 28	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Diagnostic test II	Stat.	Kamol
Thu 29	09.00-12.00	➤ Seminar on research idea for thesis	RDP	Staff
	13.00-16.00			
Fri 30	09.00-12.00	➤ Tutorials for Research Methodology I	R.M.	Somkiat / Ketchada
	13.00-16.00			

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10 th wk (August 2-6, 2010)				
Date	Time	Topic	Course	Instructor
Mon 2	09.00-12.00 13.00-16.00	➤ Proposal format and writing	RDP	Staff
Tue 3	09.00-12.00 13.00-16.00	➤ Agreement Lecture ➤ Agreement Practice	Stat. Stat.	Chulaluk Chulaluk
Wed 4	09.00-12.00 13.00-16.00	➤ Principle of research ethics ➤ Self study	R.M.	Chaichana SDL
Thu 5	09.00-12.00 13.00-16.00	➤ Self study ➤ Self study		SDL SDL
Fri 6	09.00-12.00 13.00-16.00	➤ Tutorial for Biostatistic ➤ Self study	Stat.	Chulaluk SDL

11 st wk (August 9 – 13 2010)				
Date	Time	Topic	Course	Instructor
Mon 9	09.00-12.00 13.00-16.00	➤ Self study ➤ Ethical issue in clinical research	R.M.	SDL Prida
Tue 10	09.00-12.00 13.00-16.00	➤ Equivalence study SUBMIT RESEARCH METHODOLOGY PAPER FOR EXAM	R.M.	Kittisak Staff
Wed 11	08.30-12.00 13.00-16.00	SUBMIT BIOSTATISTIC PAPER FOR EXAM	Stat.	Staff SDL
Thu 12	09.00-12.00 13.00-16.00	Public holiday H.M. The Queen's Birthday		
Fri 13	09.00-12.00 13.00-16.00	➤ Self study ➤ Self study		SDL SDL

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12 th wk (August 16 – 20, 2010)				
Date	Time	Topic	Course	Instructor
Mon 16	09.00-12.00	➤ Construction of case record form (CRF)	Stat.	Surasak SDL
	13.00-16.00	➤ Self study		
Tue 17	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Wed 18	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Thu 19	09.00-12.00	EVALUATION ON BIOSTATISTIC	Stat.	Staff
	13.00-16.00			
Fri 20	09.00-12.00	EVALUATION ON RESEARCH METHODOLOGY	R.M.	Staff
	13.00-16.00			

13 th wk (August 23–27, 2010)				
Date	Time	Topic	Course	Instructor
Mon 23	09.00-12.00	➤ Basic Concept of HSS Design	H.S.S.	Santhat
	13.00-16.00	➤ Development of Research question	H.S.S.	Chaichana
Tue 24	09.00-12.00	➤ Self study	H.S.S.	SDL
	13.00-16.00	➤ Conceptual Framework in Research		Suvajee (สว)
Wed 25	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Thu 26	09.00-16.00	➤ Social Variable & Measurement I	H.S.S.	Siriwan
		➤ Social Variable & Measurement II	H.S.S.	Siriwan
Fri 27	09.00-12.00	➤ Self study	H.S.S.	SDL
	13.00-16.00	➤ Questionnaire Construction : Factual Data		Chaichana

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14 th wk (August 30 – Sep 3, 2010)				
Date	Time	Topic	Course	Instructor
Mon 30	09.00-12.00	➤ Questionnaire Construction : Non-factual Data & Scale development	H.S.S.	Siriwan
	13.00-16.00	➤ Self study		SDL
Tue 31	09.00-12.00	➤ Administration of Questionnaire Survey	H.S.S	Chaichana
	13.00-16.00	➤ Self study		SDL
Wed 1	09.00-16.00	➤ Population & Sampling methods	H.S.S.	Nopadol (นปด)
		➤ Sample size determination in survey	H.S.S.	Nopadol
Thu 2	09.00-16.00	➤ Self study		SDL
		➤ Self study		SDL
Fri 3	09.00-16.00	➤ Self study		SDL
		➤ Self study		SDL

15 th wk (September 6 - 10 2010)				
Date	Time	Topic	Course	Instructor
Mon 6	09.00-12.00	➤ Progress on Thesis Proposal	R.D.P.	Staff
	13.00-16.00	➤ Self study		
Tue 7	09.00-12.00	➤ Progress on Thesis Proposal	R.D.P.	Staff
	13.30-16.00	➤ Self study		
Wed 8	09.00-12.00	➤ Progress on Thesis Proposal	R.D.P.	Staff
	13.00-16.00	➤ Self study		
Thu 9	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Fri 10	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL

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16th wk (September 13-17, 2010)				
Date	Time	Topic	Course	Instructor
Mon 13	09.00-12.00	➤ Tutorial : Questionnaire Development	H.S.S	Chaichana/ Siriwan SDL
	13.00-16.00	➤ Self study		
Tue 14	09.00-12.00	➤ Tutorial : Piloting Questionnaire Survey	H.S.S.	Chaichana/ Siriwan SDL
	13.00-16.00	➤ Self study		
Wed 15	09.00-12.00	➤ Data Preparation : Cleaning & Transformation	H.S.S.	Chaichana SDL
	13.00-16.00	➤ Self study		
Thu 16	09.00-12.00	➤ Self study		SDL SDL
	13.00-16.00	➤ Self study		
Fri 17	09.00-12.00	Submit Questionnaire (Final version)	H.S.S.	Staff
	13.00-16.00			

17th wk (September 20 – 24, 2010)				
Date	Time	Topic	Course	Instructor
Mon 20	09.00-12.00	➤ Self study		SDL SDL
	13.00-16.00	➤ Self study		
Tue 21	09.00-12.00	➤ Self study		SDL SDL
	13.00-16.00	➤ Self study		
Wed 22	09.00-12.00	Wrap up / Thesis Proposal (First draft)	RDP	Staff
	13.00-16.00			
Thu 23	09.00-12.00	➤ Self study		SDL SDL
	13.00-16.00	➤ Self study		
Fri 24	09.00-12.00	➤ Self study		SDL SDL
	13.00-16.00	➤ Self study		

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18 th wk (September 27 – October 1, 2010)				
Date	Time	Topic	Course	Instructor
Mon 29	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Tue 28	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Wed 29	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Thu 30	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL
Fri 1	09.00-12.00	➤ Self study		SDL
	13.00-16.00	➤ Self study		SDL

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