

Year 1 Semester 1

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
08.00-09.00	Self-study	CHMD 1103 Chemistry for Health Science Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study	Self-study	Self-study
09.00-10.00	CHMD 1105 Introduction to Research FMDPH 4 th fl. Lecture 01				
10.00-11.00	CHMD 1109 Doctors, Society and Social Responsibilities FMDPH 4 th fl. Lecture 01	CHMD 1201 Cell Biology Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	CHMD 1110 Health System and Health Care Practice FMDPH 4 th fl. Lecture 02	CHMD 1102 Mathematics and Physics for Health Science FMDPH 4 th fl. Lecture 01	CHMD 1108 Human Life FMDPH 4 th fl. Lecture 01
11.00-12.00				Personal Tutor Meeting	
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 Global Health and Disaster Medicine FMDPH 4 th fl. Lecture 02	CHMD 1201 (LAB) Cell Biology Room 408, 410 Zoology Bldg. SC, KU	Self-study	CHMD 1104 Introduction to Digital Technology FMDPH 4 th fl. Computer Lab	Self-study
14.00-15.00				Self-study	
15.00-16.00	Self-study				

Year 1 Semester 1 Week 1

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	03-Aug-20	04-Aug-20	05-Aug-20	06-Aug-20	07-Aug-20
08.00-09.00	Self-study	CHMD 1103 <u>Introduction to the Course</u> <u>Seeing the World through the Lens of Chemists-Chemistry in our lives.</u> <u>Introduction to Matter and Energy.</u> <u>Measurements and Units</u> Dr. Ruchuta, DPhil Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study	Self-study	Self-study
09.00-10.00	CHMD 1105 VM: Doctor as scientist <u>Introduction to Research and Project Assignments</u> Assoc.Prof.Dr.Puntip, PhD Asst.Prof.Dr.Ompreya, PhD FMDPH 4 th fl. Lecture 01		CHMD 1110 Introduction to the Course and Project Assignments VM: Health of the Public <u>Basic Concepts in Health</u> Dr.Pranom, MD Dr.Pisit, MD Dr. Thongthana, MD Dr.Peerut, DVM, PhD FMDPH 4 th fl. Lecture 02		
10.00-11.00	CHMD 1109 <u>Introduction to the Course and Project Assignments</u> <u>Introduction to Sociology</u> Dr. Prachatip, PhD Asst.Prof.Dr. Wisut, MD, MHSc Dr. Nanthida, MD FMDPH 4 th fl. Lecture 01	CHMD 1201 <u>Introduction to Cell Biology course and project assignment;</u> <u>Concepts in cell biology;</u> <u>Component of cells, Nucleus</u> Asst.Prof.Dr.Rojjanaporn, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	CHMD 1110 VM: Doctor as professional <u>Introduction to The Patient Pathway (1):Understanding patient experiences & physician empathy</u> Prof.Dr.Chirayu, MD, PhD Dr.Burapen, MD Asst.Prof.Dr.Bunchorn, MD Dr.Thanapon, MD FMDPH 4 th fl. Lecture 02	Personal Tutor Meeting	Self-study
11.00-12.00					
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 <u>Introduction to Global Health and Disaster Medicine</u> <u>Globalization, Health and Global burden of disease</u> <u>Urgent Health Challenges for the Next Decade</u> Dr. Woranich, DVM, PhD FMDPH 4 th fl. Lecture 02	CHMD 1201 (LAB) <u>Introduction to Microscopy and Electron Microscopy</u> Dr.Paviga, DVM, PhD & Team Room 408, 410 Zoology Bldg. SC, KU	Self-study	Self-study	Self-study
14.00-15.00					
15.00-16.00	Self-study				

Year 1 Semester 1 Week 2

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	10-Aug-20	11-Aug-20	12-Aug-20	13-Aug-20	14-Aug-20
08.00-09.00	Self-study	CHMD 1103 <u>Atoms and Isotopes, the Periodic Table of Elements, Chemical Bonds, Biologically Relevant Ions and their Effects in Health Science</u> Dr. Ruchuta, DPhil Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	The Queen Mother's Birthday	Self-study	CHMD 1102 <u>Essential Calculus in Medicine: Differentiation and Integration (ii)</u> Dr.Uchupol, PhD FMDPH 4 th fl. Lecture 04
09.00-10.00	CHMD 1105 VM: Doctor as scientist <u>Research Methodology: Literature Review</u> Prof. Dr. Prasert,MD, Dr. Med Asst.Prof.Dr.Teerapat, MD, MSc FMDPH 4 th fl. Innovation Lab			CHMD 1102 <u>Introduction to the Course Essential Calculus in Medicine: Differentiation and Integration (i)</u> Dr.Uchupol, PhD FMDPH 4 th fl. Lecture 04	
	Self-study				
10.00-11.00	CHMD 1109 <u>Traditions, Beliefs and Religions</u> Asst. Prof. Pungtip, MA FMDPH 4 th fl. Lecture 04	CHMD 1201 <u>Structure, Function and Biosynthesis of Organelles I</u> Dr.Priyavudh, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU			CHMD 1108 <u>Introduction to Human Life: The Beginning of Life (2)</u> Dr. Nanthida, MD FMDPH 4 th fl. Lecture 04
11.00-12.00					
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 VM: Health of the Public <u>Sustainable Development Goal (SDGs)</u> Assoc.Prof. Dr. Chanuanthong, PhD FMDPH 4 th fl. Innovation Lab	CHMD 1201 (LAB) <u>Basic Techniques in Cell Biology: Cell Staining, Cell Counting and Size Measuring</u> Dr.Mesayamas, PhD & Team Room 408, 410 Zoology Bldg. SC, KU	The Queen Mother's Birthday	CHMD 1110 VM: Health of the Public <u>Health Insurance System: Social Security, Civil Servant and other relating Health Care System, Universal Health Coverage for Thailand and other Countries</u>	CHMD 1104 VM: Doctor as scientist & VM: General education (Digital health) <u>Introduction to the Course and Project Assignment Information and Digital Literacy</u> Computer Essentials Dr. Todsaporn, PhD FMDPH 4 th fl., Innovation Lab
14.00-15.00				VM: Health of the Public <u>Introduction to Health Economics</u> Dr.Pongsadhorn, MD, PhD Dr.Thanapon, MD FMDPH 4 th fl. Innovation Lab	
15.00-16.00	Self-study				Self-study

Year 1 Semester 1 Week 3

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	17-Aug-20	18-Aug-20	19-Aug-20	20-Aug-20	21-Aug-20
08.00-09.00	<p>CHMD 1105</p> <p>VM: Doctor as scientist</p> <p><u>Research Methodology: Research Question and Study Design</u></p> <p>Assoc. Prof. Dr. Mathuros, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>CHMD 1103</p> <p><u>Foundation of Organic Chemistry. Chemical Structures and Functional Groups:</u></p> <p><u>Introduction to Reaction Mechanisms</u></p> <p>Dr. Ruchuta, DPhil</p> <p>FMDPH 4th fl. Lecture 04</p> <p>Lab 02 - 03</p>	Self-study	Self-study	Self-study
09.00-10.00			<p>CHMD 1110</p> <p>VM: Health of the Public</p> <p><u>National Health Policy; Health Care System and Services; Primary, Secondary and Tertiary Care Hospital; Public and Private Hospital</u></p> <p>Dr. Surachet, MD</p> <p>Asst. Prof. Dr. Wisut, MD, MHSc</p> <p><u>Overview of History and Current Situation of Health Care of Thailand: Health Care of Thailand from Global Perspective</u></p> <p>Dr. Chakrarat, MD</p> <p>Asst. Prof. Dr. Wisut, MD, MHSc</p> <p>CRA 3rd fl. Auditorium</p>	<p>CHMD 1102</p> <p>Electromagnetic Waves</p> <p>Dr. Thiansin, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	
10.00-11.00	<p>CHMD 1109</p> <p>Concepts of Culture</p> <p>Asst. Prof. Pungtip, MA</p> <p>FMDPH 4th fl. Lecture 04</p>	Self-study	<p>CHMD 1108</p> <p>Primary Steps in Life: Postpartum to Childhood</p> <p>Dr. Nanthida, MD</p> <p>CRA 3rd fl. Auditorium</p>	<p>CHMD 1104</p> <p>VM: Doctor as scientist & VM: General education (Digital health)</p> <p><u>Defining, Accessing and Search for Information</u></p> <p><u>Critically Evaluating, Filtering and Managing Information</u></p> <p>Dr. Todsaporn, PhD</p> <p>FMDPH 4th fl., Clinical Skill Lab</p>	<p>CHMD 1201</p> <p>Structure, Function and Biosynthesis of Organelles II</p> <p>Dr. Priyavudh, PhD</p> <p>Room Davi Yannasugondha, 2nd fl, SCL Bldg. KU</p>
11.00-12.00					
12.00-13.00	Lunch				
13.00-14.00	<p>CHMD 1111</p> <p>VM: Health of the Public</p> <p><u>Global Health Challenges I: Fighting Communicable Diseases and Preparing for Epidemics</u></p> <p>Dr. Woranich, DVM, PhD</p> <p>Asst. Prof. Dr. Rojjanaporn, PhD</p> <p>Asst. Prof. Dr. Ormpreya, PhD</p> <p>FMDPH 4th fl. Innovation Lab</p> <p>Tutorial 01, 02 and 03</p>	Self-study	Self-study	Self-study	<p>CHMD 1201 (LAB)</p> <p>Basic Histology Techniques: Cell and Tissue Staining</p> <p>Dr. Mesayamas, PhD</p> <p>& Team</p> <p>Room 408, 410 Zoology Bldg. SC, KU</p>
14.00-15.00					
15.00-16.00	Self-study	Self-study	Self-study	Self-study	

Year 1 Semester 1 Week 4

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	24-Aug-20	25-Aug-20	26-Aug-20	27-Aug-20	28-Aug-20
08.00-09.00	Self-study	CHMD 1103 <u>Reaction Kinetics and Thermodynamics</u> Dr. Ruchuta, DPhil Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study	Self-study	Self-study
09.00-10.00	CHMD 1105 VM: Doctor as scientist <u>Data Collection and Interpretation I</u> Asst.Prof.Dr.Ompreya, PhD FMDPH 4 th fl. Clinical Skill Lab				CHMD 1108 <u>Continuous Steps in Life: Adolescence to Adulthood</u> Dr. Nanthida, MD FMDPH 4 th fl. Lecture 04
	Self-study				
10.00-11.00	CHMD 1109 <u>Urban & Rural Sociology</u> Dr. Prachatip, PhD FMDPH 4 th fl. Lecture 04	CHMD 1201 <u>Cytoskeleton and Intracellular Trafficking</u> Asst.Prof.Dr.Pramote, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	CHMD 1110 VM: Doctor as professional <u>The Patient Pathway (2): Understanding patient experiences & physician empathy</u> Prof.Dr.Chirayu, MD, PhD Asst.Prof.Dr.Bunchorn, MD Dr.Thanapon, MD, Dr.Kunsuda, MD Dr.Nongnid, MD, Dr. Suramath MD Dr. Pakthipa MD, Dr. Pichaya MD 14 fl. Chulabhorn Hospital	Personal Tutor Meeting	CHMD 1110 VM: Doctor as professional <u>Law and Regulations in Public Health and Health Care System</u> Dr.Pisit, MD Dr.Peerut, DVM, PhD FMDPH 4th fl. Innovation Lab
11.00-12.00			Self - study		
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 VM: Health of the Public <u>Global Health Challenges II: Promoting Adolescent Safety</u> Dr. Nanthida, MD Asst.Prof.Dr. Nuttavut, MD Dr.Sudarat, MD FMDPH 4 th fl. Clinical Skill Lab Innovation lab and Lecture 02	CHMD 1201 <u>Immunofluorescence Microscopy and Image Analysis</u> Asst.Prof.Dr.Pramote, PhD & Team Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study	Self-study	CHMD 1102 <u>Radiation Physics</u> Dr.Thiansin, PhD FMDPH 4th fl. Clinical Skill Lab
14.00-15.00					
15.00-16.00	Self-study				Self-study

Year 1 Semester 1 Week 5

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	31-Aug-20	01-Sep-20	02-Sep-20	03-Sep-20	04-Sep-20
08.00-09.00	Self-study	CHMD 1103 <u>Chirality in Medicine and Everyday Life</u> Dr. Ruchuta, DPhil Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study CHMD 1110 VM: Health of the Public <u>Field Trip:</u> <u>Patient Referral System:</u> <u>Primary and Secondary Care</u> <u>Hospitals Visit</u> Asst.Prof.Dr. Wisut, MD, MHSc Asst.Prof.Dr. Bunchorn, MD Dr.Thanapon, MD Dr. Peerut, DVM, PhD Dr.Pisit, MD	Self-study CHMD 1102 <u>Application of Radiation in Medicine</u> Dr.Thiansin, PhD FMDPH 4th fl. Clinical Skill Lab	Self-study
09.00-10.00	CHMD 1105 VM: Doctor as scientist <u>Data Collection and Interpretation II</u> Asst.Prof.Dr.Ornpreya, PhD FMDPH 4th fl. Clinical Skill Lab				
10.00-11.00	CHMD 1109 <u>History of Medicine</u> Asst.Prof.Dr. Wisut, MD, MHSc Dr. Nanthida, MD FMDPH 4 th fl. Lab 02-03		CHMD 1201 <u>Transportation of Nutrients and Molecules in and out of cells:</u> <u>Intracellular Accumulations</u> Asst.Prof.Dr.Wachirayah, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Personal Tutor Meeting	
11.00-12.00					
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 VM: Doctor as professional <u>Global Health ChallengesIII:</u> <u>Strengthening Public Trust of Health Care Workers</u> Asst. Prof. Dr. Wisut, MD, MHSc Asst.Prof. Dr. Bunchorn, MD Asst.Prof.Dr.Rojjanaporn, PhD FMDPH 4 th fl. Innovation Lab Tutorial 01, 02 and 03	CHMD 1201 (LAB) <u>Tonicity of the Cells</u> <u>Dialysis</u> Dr.Mongkol, PhD & Team Room 408, 410 Zoology Bldg. SC, KU	CHMD 1110 VM: Health of the Public <u>Field Trip:</u> <u>Hospital Accreditation:</u> <u>Provincial Hospital Visit</u> Asst.Prof.Dr. Wisut, MD, MHSc Asst.Prof.Dr. Bunchorn, MD Dr.Thanapon, MD Dr. Peerut, DVM, PhD Dr.Pisit, MD	CHMD 1104 <u>Word Processor</u> <u>Practical Session: Word Processing</u> Dr. Todsaporn, PhD FMDPH 4th fl., Lab 02-03	Self-study
14.00-15.00					
15.00-16.00				Self-study	

Year 1 Semester 1 Week 6

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	07-Sep-20	08-Sep-20	09-Sep-20	10-Sep-20	11-Sep-20
08.00-09.00	Self-study	CHMD 1103 <u>Stoichiometry, Mole, Molarity and Solutions</u> Dr. Ruchuta, DPhil FMDPH 4th fl. Lecture 04	Self-study	Self-study	Self-study
09.00-10.00		CHMD 1201 <u>Intercellular Communication and Signal Transduction</u> Dr.Priyavudh, PhD FMDPH 4 th fl. Lecture 04	CHMD 1110 VM: Doctor as professional <u>Patient Safety in Healthcare Setting, Importance of Human Factor in Patient Safety</u>	CHMD 1102 <u>Introduction to Differential Equation</u> Dr.Uchupol, PhD FMDPH 4th fl. Lecture 04	CHMD 1108 <u>Aging: The Biological Change</u> Asst.Prof.Dr.Teerapat, MD, MSc FMDPH 4 th fl. Lab 02-03
10.00-11.00			VM: Doctor as professional <u>Current Problems on Medical Error and Patient Safety; Example of Cases for Medical Malpractices and Negligence</u> Dr.Piyawan, MD Asst.Prof.Dr.Nuttavut, MD FMDPH 4 th fl. Innovation Lab		
11.00-12.00					Personal Tutor Meeting
12.00-13.00	Lunch				
13.00-14.00	Self-study	CHMD 1201 <u>The Extracellular Matrix</u> Dr. Kritsada, PhD FMDPH 4 th fl. Clinical Skill Lab	Self-study	CHMD 1104 <u>Word Processor</u> Practical Session: Word Processing Dr. Todsaporn, PhD FMDPH 4th fl., Lab 02-03	Self-study
14.00-15.00					
15.00-16.00		Self-study			

Year 1 Semester 1 Week 7

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	14-Sep-20	15-Sep-20	16-Sep-20	17-Sep-20	18-Sep-20
08.00-09.00	Self-study	CHMD 1103 <u>Acids, Bases and their Reactions</u> Dr. Ruchuta, DPhil Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study	Self-study	Self-study
	CHMD 1105 VM: Doctor as scientist <u>Collection and Interpretation of Spatial Data for Medical Research</u> Assoc.Prof.Dr. Puntip, PhD FMDPH 4th fl. Clinical Skill Lab				
09.00-10.00	Self-study				CHMD 1105 <u>Biological Laboratory Safety</u> Asst.Prof.Dr.Rojjanaporn, PhD FMDPH 4th fl. Clinical Skill Lab
10.00-11.00	CHMD 1105 <u>Biological Laboratory Safety</u> Asst.Prof.Dr.Rojjanaporn, PhD FMDPH 4th fl. Clinical Skill Lab	CHMD 1201 <u>Cell Motility and Adhesion</u> Dr.Mongkol, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU		CHMD 1102 <u>Waves and Optics</u> Dr.UchupoI, PhD FMDPH 4th fl. Lecture 04	
11.00-12.00	Self-study				Personal Tutor Meeting
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 VM: Health of the Public <u>Lesson Learned from Disasters in Thailand (I)</u> Dr.Bhummarin, MD Dr.Surajit, MD Dr.Rojjanaporn, MD Dr.Woranich DVM, PhD FMDPH 4th fl. Innovation Lab Clinical Skill Lab and Lecture 01, 02	CHMD 1201 (LAB) <u>Cell Motility Laboratory: Sperm Motility, Phagocytosis</u> Dr.Mongkol, PhD & Team Room 408, 410 Zoology Bldg. SC, KU	Self-study	Self-study	CHMD 1102 <u>Waves and Optics</u> Dr.UchupoI, PhD FMDPH 4th fl. Lecture 04
14.00-15.00					
15.00-16.00					Self-study

Year 1 Semester 1 Week 8

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	21-Sep-20	22-Sep-20	23-Sep-20	24-Sep-20	25-Sep-20
08.00-09.00	Self-study	CHMD 1103 <u>Introduction to Spectroscopy, Spectrometry and Chromatography and their Applications in Health Science</u>	Self-study	Self-study	Self-study
09.00-10.00	CHMD 1105 VM: Doctor as professional <u>Research Ethics and Good Clinical Practice (GCP)</u> Prof. Dr. Prasert, MD, Dr. Med Asst.Prof.Dr.Teerapat, MD, MSc CRA 3 rd fl. Auditorium				
09.00-10.00	Self-study	Mind-mapping Dr. Ruchuta, DPhil FMDPH 4th fl. Clinical Skill Lab	CHMD 1110 VM: Health of the Public <u>Social Determinants of Health: Holistic Health and Well-being; Factors that Affect Health and Well-being of People; Mental Health</u> Dr. Thongthana, MD Dr.Panee, MD FMDPH 4th fl. Innovation Lab	CHMD 1102 <u>Fluid Mechanics for Blood Circulation and Respiratory Systems</u> Dr.Uchupol, PhD FMDPH 4th fl. Lecture 04	CHMD 1108 <u>Child Psychology</u> Asst.Prof.Dr.Ruck, PhD FMDPH 4th fl. Clinical Skill Lab
10.00-11.00	CHMD 1109 <u>Modern & Future Medicine</u> Dr.Thanapon, MD Asst.Prof.Dr.Wisut, MD, MHSc Dr. Nanthida, MD FMDPH 4th fl. Innovation Lab Clinical Skill Lab and Lecture 02	CHMD 1201 <u>Cellular Homeostasis</u> Dr.Sirimanus, DDS, PhD FMDPH 4th fl. Clinical Skill Lab	FMDPH 4th fl. Innovation Lab	Personal Tutor Meeting	Self-study
11.00-12.00					
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 <u>Comprehensive Emergency Management Systems and Disaster Classification</u> Dr.Surajit, MD FMDPH 4th fl. Clinical Skill Lab	CHMD 1201 (LAB) VM: Doctor as practitioner Mini Lecture FMDPH 4th fl. Clinical Skill Lab <u>Normal and Abnormal Blood Cells (Introduction to blood cells and blood smear preparation practice)</u>	CHMD 1108 VM: Songkran <u>Dying and Death</u> Asst.Prof.Dr.Teerapat, MD, MSc FMDPH 4th fl. Clinical Skill Lab and Lab 02	CHMD 1104 VM: Doctor as scientist & VM: General education (Digital health) <u>Referencing, Incorporating Sources and Avoiding Plagiarism</u> Practical Session: Referencing using EndNote Program Dr. Todsaporn, PhD FMDPH 4th fl.,Lab 02-03	CHMD 1201 <u>Abnormal Blood Cells</u> Asst.Prof.Dr.Panee, MD FMDPH 4th fl. Clinical Skill Lab
14.00-15.00					
15.00-16.00	Self-study	Asst.Prof.Dr.Panee, MD FMDPH 4th fl. Lab 03	Self-study	Self-study	Self-study

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	28-Sep-20	29-Sep-20	30-Sep-20	01-Oct-20	02-Oct-20
08.00-09.00	CHMD 1105 <u>Research Collaboration and Networking</u>	CHMD 1103 <u>Carbohydrates; Blood sugars and Sweeteners</u> Dr. Anyamane, PhD FMDPH 4th fl. Clinical Skill Lab	Self-study	Self-study	CHMD 1109 VM: Doctor as professional <u>Doctor's Life and Career Path</u> Asst. Prof.Dr.Wisut, MD, MHSc Dr. Nanthida, MD Dr.Wachara, MD
09.00-10.00	<u>Academic Paper Writing and Publication</u> Prof. Dr. Prasert, MD, Dr.Med CRA 3 rd fl. Auditorium		CHMD 1110 VM: Health of the Public <u>Health Inequity and Inequality. Consequence of Unequal Distribution of Resources. Policy making to Improve Health Inequity and Inequality; Vulnerability and Marginalized Population;</u> <u>Human Rights</u> Dr.Yot, MD, PhD Dr.Thanapon, MD CRA 3 rd fl. Auditorium	CHMD 1102 <u>Heat Transfer in Medicine</u> Dr.Uchupol, PhD FMDPH 4th fl. Lecture 04	<u>Personal and professional values – Medicine as profession</u> CRA 3 rd fl. Auditorium
10.00-11.00	CHMD 1111 <u>Planetary Health</u> Assoc.Prof. Dr. Chanuanthong, PhD FMDPH 4th fl. Clinical Skill Lab	CHMD 1201 <u>Chromosome: Structure, Organization and Function</u> Dr.Priyavudh, PhD FMDPH 4th fl. Clinical Skill Lab	CHMD 1110 VM: Doctor as professional <u>The Patient Pathway (3): Understanding patient experiences & physician empathy</u> Prof.Dr.Chirayu, MD, PhD Dr.Thanapon, MD Asst.Prof.Dr.Bunchorn, MD CRA 3 rd fl. Auditorium		CHMD 1108 <u>Psychology of Adolescence</u> Thanarat, MS CRA 3 rd fl. Auditorium
11.00-12.00				Personal Tutor Meeting	
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 VM: Doctor as practitioner <u>Medical Management in Disaster Situation</u>	CHMD 1201 (LAB) <u>Karyotyping (Mini-lecture: Chromosomal abnormalities and diseases)</u>		CHMD 1109 VM: Songkran <u>Thai Traditional Medicine & Complementary Medicine</u> Asst. Prof.Dr.Wisut, MD, MHSc	
14.00-15.00	Dr.Rapeeporn, MD FMDPH 4th fl. Clinical Skill Lab	Dr.Priyavudh, PhD & Team FMDPH 4th fl. Lab 02-03	Self-study	Dr.Thanapon, MD Dr. Nanthida, MD Siriraj Museum	Self-study
15.00-16.00	Self-study			Self-study	

Year 1 Semester 1 Week 10

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	05-Oct-20	06-Oct-20	07-Oct-20	08-Oct-20	09-Oct-20
08.00-09.00	Self-study	CHMD 1103 <u>Lipids; Fatty acids, Waxes and Triacylglycerols</u> Dr. Anyamanee, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	Self-study	Self-study	Self-study
09.00-10.00		CHMD 1201 <u>Cell Cycle, Mitosis and Meiosis</u> Dr.Sirimanus, DDS, PhD Room Davi Yannasugondha, 2 nd fl, SCL Bldg. KU	CHMD 1110 <u>Field Trip:</u> VM: Health of the Public <u>Health Education and Health Promotion for Disease Prevention and Control</u> Dr.Sompong, MD Asst.Prof.Dr.Bunchorn, MD Department of Health, MoPH	CHMD 1109 VM: Doctor as professional <u>Social Expectation</u> Asst.Prof.Dr.Patrapan, PhD Asst.Prof.Dr. Wisut, MD, MHSc Dr. Nanthida, MD FMDPH 4th fl. Clinical Skill Lab Innovation Lab and Lecture 02	CHMD 1108 <u>Adulthood Psychology</u> Ploywalai, MS FMDPH 4th fl. Clinical Skill Lab
10.00-11.00			CHMD 1110 <u>Field Trip:</u> VM: Health of the Public <u>Health Promotion Process to Reduce Public Health Problems</u> Dr.Narong, MD Asst.Prof.Dr.Bunchorn, MD Department of Health, MoPH	Personal Tutor Meeting	Self-study
11.00-12.00		Lunch			
12.00-13.00	CHMD 1111 VM: General education (Digital health) <u>Role of Information Technology in Disaster Management</u> ICT speaker FMDPH 4th fl. Clinical Skill Lab	CHMD 1201 (LAB) <u>Cell cycle.Mitosis and Meiosis; Squash Technique</u> Dr.Sirimanus, DDS, PhD Dr. Kritsada, Phd & Team Room 408, 410 Zoology Bldg. SC, KU	Self-study	CHMD 1104 <u>Spreadsheet Program</u> Practical Session: Spreadsheet Program Dr. Todsaporn, PhD FMDPH 4th fl., Lab02-03	Self-study
13.00-14.00	Self-study	CHMD 1102 <u>Biomechanics</u> Dr.Chawin, PhD FMDPH 4th fl. Clinical Skill Lab	Self-study		
14.00-15.00		Self-study	Self-study		
15.00-16.00	Self-study				

Year 1 Semester 1 Week 11

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	12-Oct-20	13-Oct-20	14-Oct-20	15-Oct-20	16-Oct-20
08.00-09.00	Self-study CHMD 1105 <u>Innovation and Intellectual Properties</u> Dr.Juthaporn, PhD CRA 3 rd fl. Auditorium	King Bhumibol Adulyadej Memorial Day	Self-study	Self-study	Self-study
09.00-10.00	Self-study		CHMD 1110 <u>Field Trip:</u> VM: Health of the Public <u>Epidemiological and Public Health Issues for Past, Present and Future of Thailand and the World</u> Dr.Sopon, MD Dr.Tanarak, MD Dr.Sudarat, MD	CHMD 1108 VM: Doctor as professional& VM: Songkran <u>Field Trip:</u> <u>A Child Care Center Visit</u> Asst.Prof.Dr.Wisut, MD, MHSc Dr.Nanthida, MD Dr.Sirimanus, DDS, PhD	CHMD 1108 <u>Psychology of Aging</u> Dr. Pongkamon, PhD FMDPH 4th fl. Clinical Skill Lab
10.00-11.00	CHMD 1109 VM: Doctor as professional <u>Role of Doctors in Society</u> Asst.Prof.Dr.Patrapan, PhD Asst.Prof.Dr.Wisut, MD, MHSc Dr. Nanthida, MD FMDPH 4th fl. Clinical Skill Lab Innovation Lab Lecture 02		CHMD 1110 <u>Field Trip:</u> <u>Management and Control of Common Health Problems</u> Dr.Sopon, MD Dr.Tanarak, MD Dr.Sudarat, MD Department of Disease Control, MoPH	Personal Tutor Meeting	Self-study
11.00-12.00					
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 <u>Field Trip:</u> <u>Department of Disaster Prevention and Mitigation, Ministry of Interior</u> Dr.Phummarin, MD Dr.Woranich, DVM, PhD FMDPH 4th fl. Clinical Skill Lab	King Bhumibol Adulyadej Memorial Day	Self-study	Self-study	CHMD 1201 (LAB) <u>Flow Cytometry and Cell Sorting, Lymphocyte subsets</u> Prof.Dr.Kovit, PhD SIMR, Siriraj Hospital, Mahidol University
14.00-15.00	CHMD 1102 Electricity: Electrical circuit, Electrical Hazard & Safety Dr. Pasit, PhD FMDPH 4th fl. Clinical Skill Lab				
15.00-16.00	Self-study				

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	19-Oct-20	20-Oct-20	21-Oct-20	22-Oct-20	23-Oct-20
08.00-09.00	Self-study	CHMD 1103 <u>Proteins and Amino Acids;</u>	Self-study	Self-study	King Chulalongkorn Day
09.00-10.00	CHMD 1105 VM: Doctor as scientist <u>Research Project Presentation I-II</u> (4 groups)	<u>Glycoproteins</u> Dr.Kamonwan, PhD FMDPH 4th fl. Clinical Skill Lab	CHMD 1110 VM: Songkran & VM: Health of the Public (Small group work)	CHMD 1102 <u>Magnetic Resonance Imaging</u> <u>(MRI) Physics</u> Dr.Todsaporn, PhD FMDPH 4th fl. Clinical Skill Lab	
10.00-11.00	<u>(COVID-19, Dengue hemorrhagic fever (spatial data), HCC, Influenza)</u> Asst.Prof.Dr.Ornpreya, PhD Asst.Prof.Dr.Teerapat, MD, MSc Assoc.Prof.Dr. Puntip, PhD Dr.Chomchid, PhD	CHMD 1201 <u>Diversity of Cells and their Roles in Healthy Body I</u> Dr.Thaniya, MD FMDPH 4th fl. Lab 02-03	(4 groups) <u>Current Social Problems of Thailand: Drug addiction, Gambling and Debts, Domestic Violence, Teen Pregnancy</u> Asst.Prof.Dr.Teerapat, MD, MSc Asst.Prof.Dr.Bunchorn, MD Asst.Prof.Dr.Wisut, MD, MHSc Asst.Prof.Nuttavut, MD CRA 3 rd fl. Auditorium	Personal Tutor Meeting	
11.00-12.00	<u>Course Reflections and Feedback</u> Assoc.Prof.Dr.Puntip, PhD Asst.Prof.Dr.Ornpreya, PhD CRA 3 rd fl. Auditorium				
12.00-13.00	Lunch				
13.00-14.00	CHMD 1111 <u>Psychosocial Implications of Disaster and Terrorism</u> Dr.Kawin, MD FMDPH 4th fl. Clinical Skill Lab	CHMD 1201 (LAB) <u>Basic Histology</u> Dr. Thaniya, MD Dr. Pawaree, PhD FMDPH 4th fl. Lab 02-03	Self-study	CHMD 1108 VM: Songkran <u>21st-Century Life Skills (CRAMDPH) and Leadership: First aid and BLS Workshop</u> Asst.Prof.Dr.Wisut, MD, MHSc Dr.Thanapon, MD FMDPH 4th fl. Clinical Skill Lab	King Chulalongkorn Day
14.00-15.00					
15.00-16.00	Self-study			Self-study	

Year 1 Semester 1 Week 13

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	26-Oct-20	27-Oct-20	28-Oct-20	29-Oct-20	30-Oct-20
08.00-09.00	<p>CHMD 1109</p> <p>VM: Songkran</p> <p><u>Social Responsibility & Volunteer</u></p> <p>Asst. Prof.Dr.Oranutda, PhD Asst.Prof.Dr.Wisut, MD, MHSc Dr. Nanthida, MD</p>	<p>CHMD 1103</p> <p><u>Informational Molecules:</u></p> <p><u>Nucleic acids; Nucleotides,</u></p> <p><u>DNAs and RNAs</u></p> <p>Dr. Juthaporn, PhD FMDPH 4th fl. Clinical Skill Lab</p>	<p>Self-study</p>	<p>Self-study</p>	<p>Self-study</p>
09.00-10.00	<p>VM: Doctor as professional</p> <p><u>Medical Professionalism and Ethics</u></p> <p><u>Case Scenario A-C</u></p> <p>Asst.Prof. Dr.Wisut, MD, MHsc Dr.Nantida, MD Dr. Thipamas MD Dr. Burapen MD FMDPH 4th fl. Clinical Skill Lab Innovation Lab Lecture 01 and Lecture 02</p>	<p>CHMD 1201</p> <p><u>Diversity of Cells and their</u></p> <p><u>Roles in Healthy Body II</u></p> <p>Dr.Thaniya, MD FMDPH 4th fl. Lab 02-03</p>	<p>CHMD 1110</p> <p>VM: Health of the Public& VM: Songkran</p> <p><u>Aging Society, Cause and Consequences of Aging Society, Basic Geriatric Medicine</u></p> <p>Dr.Sakarn, MD CRA 3rd fl. Auditorium</p>	<p>CHMD 1102</p> <p><u>Ultrasound Physics and the Applications in Medicine</u></p> <p>Asst.Prof.Dr.Napapong, PhD FMDPH 4th fl. Clinical Skill Lab</p>	
10.00-11.00			<p>CHMD 1110</p> <p>VM: Doctor as professional</p> <p><u>The Patient Pathway (4):</u></p> <p><u>Reflections</u></p> <p>Prof.Dr.Chirayu, MD, PhD Asst.Prof.Dr.Bunchorn, MD Dr.Thanapon, MD, Dr.Kunsuda, MD Dr.Nongnid, MD, Dr.Kunsuda, MD Dr.Nongnid, MD, Dr. Suramath MD Dr. Pakthipa MD, Dr. Pichaya MD CRA 3rd fl. Auditorium</p>		
11.00-12.00					
12.00-13.00	<p>Lunch</p>				
13.00-14.00	<p>CHMD 1111</p> <p><u>Survival Theory and Hazard Assessment</u></p> <p>Dr.Kawin, MD FMDPH 4th fl. Clinical Skill Lab</p>	<p>CHMD 1201 (LAB)</p> <p>VM: Doctor as practitioner</p> <p><u>Cytology: Preparation and Interpretation</u></p> <p>Asst.Prof.Dr.Panee, MD Dr.Thaniya, MD FMDPH 4th fl. Lab 02-03</p>	<p>Self-study</p>	<p>CHMD 1104</p> <p><u>Presentation Program</u></p> <p><u>Practical Session:</u></p> <p><u>Presentation Program</u></p> <p>Dr. Todsaporn, PhD FMDPH 4th fl. Lab02-03</p>	<p>Self-study</p>
14.00-15.00					
15.00-16.00	<p>Self-study</p>			<p>Self-study</p>	

Year 1 Semester 1 Week 14

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	02-Nov-20	03-Nov-20	04-Nov-20	05-Nov-20	06-Nov-20
08.00-09.00	<p>CHMD 1103</p> <p><u>Enzymes and Vitamins</u></p> <p>Dr.Kamonwan, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>CHMD 1103</p> <p><u>Free Radicals and Antioxidants</u></p> <p>Dr. Anyamanee, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>Self-study</p>	<p>Self-study</p>	<p>Self-study</p>
09.00-10.00			<p>CHMD 1110</p> <p>VM: Doctor as professional</p> <p><u>Health Care Practice:</u></p> <p><u>Working with other Health</u></p> <p><u>Professionals</u></p> <p>Asst.Prof.Dr. Bunchorn, MD</p> <p>Dr.Thanapon, MD</p> <p>Dr.Sudarat, MD</p> <p>Asst.Prof.Dr. Wisut, MD, MHSc</p>	<p>CHMD 1102</p> <p><u>Selected Topics in Mathematics</u></p> <p><u>and Physics for Health Science</u></p> <p>Dr.Uchupol, PhD</p> <p>and Team</p> <p>KU</p>	<p>CHMD 1108</p> <p>VM: Doctor as professional&VM: Songkran Case</p> <p><u>discussion:</u></p> <p><u>Abortion, Children's Rights, Midlife Crisis</u></p> <p><u>and Living Will</u></p> <p>Asst.Prof.Dr.Teerapat, MD, MSc</p> <p>Dr. Nanthida, MD</p> <p>Asst.Prof.Dr.Nuttavut, MD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>
10.00-11.00	<p>CHMD1109</p> <p>VM: Doctor as professional</p> <p><u>Project Presentation:</u></p> <p><u>Social Responsibilities</u></p> <p><u>(4 Groups)</u></p> <p>Asst.Prof.Dr. Wisut, MD, MHSc</p> <p>Dr.Nanthida, MD</p> <p>Dr. Burapen MD</p> <p>Dr.Thanapon, MD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>CHMD 1201</p> <p><u>Introduction to Cellular Pathology.</u></p> <p><u>Cell Injury and Responses to Injury.</u></p> <p><u>Cell Death and Apoptosis</u></p> <p>Dr. Thaniya, MD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>Asst.Prof.Nuttavut, MD</p> <p>Dr. Peerut, DVM, PhD</p> <p>Chulabhorn Hospital</p>		
11.00-12.00				<p>Personal Tutor Meeting</p>	<p>Self-study</p>
12.00-13.00	<p>Lunch</p>				
13.00-14.00	<p>CHMD 1111</p> <p>VM: Doctor as practitioner</p> <p><u>Disaster Medicine</u></p> <p><u>Simulation Workshop</u></p> <p>Dr.Bhummarin, MD</p> <p>Dr.Woranich DVM, PhD</p> <p>CDEM</p>	<p>CHMD 1201 (LAB)</p> <p><u>Cell Injury and Cell Death</u></p> <p>Dr. Thaniya, MD</p> <p>Dr. Pawaree, PhD</p> <p>&Teaching staffs</p> <p>FMDPH 4th fl. Lab 02-03</p>		<p>CHMD 1104</p> <p>VM: Doctor as scientist &</p> <p>VM: General education (Digital</p> <p>health)</p> <p><u>Group Project</u></p> <p><u>Presentation</u></p> <p><u>Review and Discussion</u></p> <p>Dr. Todsaporn, PhD</p> <p>FMDPH 4th fl., Lab 02-03</p>	<p>CHMD 1201</p> <p><u>Regulation of Cell Growth and</u></p> <p><u>Differentiation&Introduction</u></p> <p><u>to Cancer Biology</u></p> <p>Dr.Sirimanus, DDS, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>
14.00-15.00			<p>Self-study</p>		
15.00-16.00	<p>Self-study</p>				

Year 1 Semester 1 Week 15

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday		
	09-Nov-20	10-Nov-20	11-Nov-20	12-Nov-20	13-Nov-20		
08.00-09.00	<p>CHMD 1103</p> <p>VM: Songkran</p> <p><u>Natural Products for Human Health</u></p> <p>Dr. Theerachart, PhD</p> <p><u>Course Summary</u></p> <p><u>Course Reflections and Feedback</u></p> <p>Dr. Ruchuta, DPhil</p> <p>Dr. Theerachart, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	Self-study	Self-study	Self-study	Self-study		
09.00-10.00			<p>CHMD 1110</p> <p>VM: Health of the Public</p> <p><u>Health System and Health Care Practice: Student Presentation</u></p> <p><u>(4 groups)</u></p> <p>Team</p> <p><u>Course Reflections and Feedback</u></p> <p>Team</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>CHMD 1102</p> <p><u>Selected Topics in Mathematics and Physics for Health Science</u></p> <p><u>Course reflections and feedback</u></p> <p>Team</p> <p>KU</p>	<p>CHMD 1108</p> <p><u>Human and Environment: Strategies to Enhance People Wellness</u></p> <p>Asst.Prof.Dr.Wisut, MD, MHSc</p> <p>Dr.Thanapon, MD</p> <p><u>Course Reflections and Feedback</u></p> <p>Team</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>		
10.00-11.00			<p>CHMD1109</p> <p>VM: Songkran</p> <p><u>Mindfulness and Meditation</u></p> <p>Dr.Nanthida, MD</p> <p><u>Course Conclusions and Feedback</u></p> <p>Asst.Prof. Dr.Wisut, MD, MHSc</p> <p>Dr.Nanthida, MD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>Personal Tutor Meeting</p>	Self-study		
11.00-12.00							
12.00-13.00	Lunch						
13.00-14.00	<p>CHMD 1111</p> <p>VM: Health of the Public</p> <p><u>Lesson Learned from Disasters in Thailand (II)</u></p> <p>Dr.Bhummarin, MD</p> <p>Dr.Surajit, MD</p> <p>Dr.Rojjanaporn, MD</p> <p>Dr.Woranich DVM, PhD</p> <p><u>Consolidation and Feedback</u></p> <p>Dr.Woranich DVM, PhD</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	Self-study	Self-study	<p>CHMD 1201 (LAB)</p> <p>VM: Doctor as scientist</p> <p>Flipped Classroom:</p> <p><u>Selected Topics in Cell Biology</u></p> <p><u>(3 groups)</u></p> <p><u>1: Oxygen homeostasis and myocardial ischemia/reperfusion injury</u></p> <p><u>2: Immune checkpoint inhibitors in lung cancer</u></p> <p><u>3: Induced pluripotent stem cells (iPS)</u></p> <p>Teaching staffs</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>	<p>CHMD 1201 (LAB)</p> <p>VM: Doctor as scientist</p> <p>Flipped Classroom:</p> <p><u>Selected Topics in Cell Biology</u></p> <p><u>(3 groups)</u></p> <p><u>4: Autophagy in Alzheimer's disease</u></p> <p><u>5: Targeted therapy in Ph⁺CML</u></p> <p><u>6: Heat stroke: Thermal regulation and pathophysiology</u></p> <p><u>Course Summary</u></p> <p><u>Introduction to OSCaPE</u></p> <p>Asst.Prof.Dr. Rojjanaporn, PhD</p> <p>Teaching staffs</p> <p>FMDPH 4th fl. Clinical Skill Lab</p>		
14.00-15.00							
15.00-16.00				Self-study			Self-study

Year 1 Semester 1 Week 16

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	16-Nov-20	17-Nov-20	18-Nov-20	19-Nov-20	20-Nov-20
08.00-09.00	Formative assessment and CIF-A	Semester 1 Recap	Formative assessment and CIF-A	Self-study	Self-study
09.00-10.00					
10.00-11.00					
11.00-12.00					
12.00-13.00	Lunch Time				
13.00-14.00	Formative assessment and CIF-A	Semester 1 Recap	Formative assessment and CIF-A	Self-study	Self-study
14.00-15.00					
15.00-16.00					

Year 1 Semester 1 Week 17

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	23-Nov-20	24-Nov-20	25-Nov-20	26-Nov-20	27-Nov-20
08.00-09.00	Formative assessment and CIF-A	Semester 1 Recap	Formative assessment and CIF-A	Semester 1 Recap	Self-study
09.00-10.00					
10.00-11.00					
11.00-12.00					
12.00-13.00	Lunch Time				
13.00-14.00	Formative assessment and CIF-A	Semester 1 Recap	Formative assessment and CIF-A	Semester 1 Recap	Self-study
14.00-15.00					
15.00-16.00					

Year 1 Semester 1 Week 18

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	30-Nov-20	01-Dec-20	02-Dec-20	03-Dec-20	04-Dec-20
08.00-09.00	School Break				
09.00-10.00					
10.00-11.00					
11.00-12.00					
12.00-13.00					
13.00-14.00					
14.00-15.00					
15.00-16.00					

Year 1 Semester 1 Week 19

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
	07-Dec-20	08-Dec-20	09-Dec-20	10-Dec-20	11-Dec-20
08.00-09.00	School Break				
09.00-10.00					
10.00-11.00					
11.00-12.00					
12.00-13.00					
13.00-14.00					
14.00-15.00					
15.00-16.00					