

# Organ system-based integrated curriculum for 4<sup>th</sup>-year medical students First semester 2018-2019

## Week 1 [ Introduction ]

Date	Time	Department	Subject	Lecturer
09/10 Mon	08:10-08:20	Integrated Curriculum	Introduction of integrated Curriculum	Shan-Chwen Chang
	08:20-09:10	Pathology	Introduction to pathology	Yung-Ming Jeng
	09:20-10:10	Pathology	Autopsy	Mu-Zon Wu
	10:20-11:10	Internal Medicine	Introduction to clinical medicine	Ming-Shiang Wu
	13:20-14:10	Pharmacology	Introduction to Pharmacology	Wan-Wan Lin
	14:20-15:10	Pharmacology	Pharmacodynamics	Wan-Wan Lin
	15:30-15:40	Lab Medicine	Introduction of laboratory medicine	Kuei-Pin Chung
	15:40-16:20	Lab Medicine	Interpretation and quality of the results of clinical laboratory examinations	Kuei-Pin Chung
	16:30-17:20	Lab Medicine	Point-of-care-tests	Wern-Cherng Cheng
09/11 Tue	08:10-10:00	Pathology	Cellular Pathology (I)(II): Cellular injury and cellular death	Chang-Tsu Yuan
	10:20-11:10	Internal Medicine	Medical record writing	Chien-Ching Hung
	11:20-12:10	Internal Medicine	History taking and physical examination	Bai-Chin Lee
09/12 Wed	13:20-15:10	Pathology	Cellular Pathology (III)(IV): Adaptations, intracellular accumulations, and cell aging	Chang-Tsu Yuan
09/13 Thu	08:10-10:00	Pathology	Lab orientation	Ko-Ping Chang
	10:20-11:10	Pharmacology	Pharmacokinetics I	Wan-Wan Lin
	11:20-12:10	Pharmacology	Pharmacokinetics II	Wan-Wan Lin
	13:20-15:10	Small Group Discussion	Orientation	Small group tutors
09/14 Fri	08:10-10:00	Pathology	Micro teaching: Cell injury and adaptation (1)	Ko-Ping Chang
	10:20-11:10	* Psychiatry	How to achieve effective	Shih-Cheng Liao

	13:20-14:10 14:20-17:20	Internal Medicine Internal Medicine	communication in the patient-physician relationship Briefing of Clinical Practicum Clinical Practicum	Jann-Yuan Wang Clinical tutors
09/15 Sat	13:30-15:30	School of Medicine, NTU	White coat ceremony (Grand Lobby)	

Remark :

※Clinical Medicine I : Internal Medicine 、Surgery 、Pediatrics 、Pathophysiology

※Problem\_based learning for Pathology & Pharmacology (1)(small group discussion)

1.2018/09/10 ( Mon ) Start of first semester

2. 2018/09/24 ( Mon ) Moon Festival (National holiday)

3. 2018/10/10 ( Wed ) Double Tenth Day (National holiday)

4. 2018/11/15 ( Thu ) School Anniversary (School holiday)

5. 2018/12/31 ( Mon ) Bridge holiday (comp day for work/school: 12/22)

6. 2019/01/01 ( Tue ) New Year's Day (National holiday)

7. The handbook of organ system-based integrated curriculum for the fourth-year medical students

[http://cfp.mc.ntu.edu.tw/zh tw/Guidline/Guidline1071](http://cfp.mc.ntu.edu.tw/zh_tw/Guidline/Guidline1071)

## Week 2 [Introduction]

Date	Time	Department	Subject	Lecturer
09/17 Mon	08:10-10:00	Pathology	Micro teaching: Cell injury and adaptation (2)	Ko-Ping Chang
	10:20-11:10	* ENT	Physical examination of the head and neck region	Pei-Jen Lou
	13:20-14:10	Pharmacology	Signal Transduction	Ching-Chow Chen
	14:20-15:10	Pharmacology	Ion Channels	Kai-Chien Yang
	15:30-16:20	Lab Medicine	Therapeutic drug monitoring	Wern-Cherng Cheng
09/18 Tue	08:10-10:00	Pathology	Micro teaching: Cell injury and adaptation (3)	Ko-Ping Chang
	10:20-11:10	Pathophysiology	Introduction to Pathophysiology	Ming-Shiang Wu
09/19 Wed	13:20-15:10	Pathology	Micro teaching: Cell injury and adaptation (4)	Ko-Ping Chang
09/20 Thu	08:10-10:00	Pathology	Acute and chronic inflammation (I)(II)	Min-Shu Hsieh
	10:20-11:10	Pharmacology	Autacoids I	Wan-Wan Lin
	11:20-12:10	Pharmacology	Autacoids II	Wan-Wan Lin
	13:20-15:10	Small Group Discussion	Pharmacology : Pharmacokinetics 、 Pharmacogenetics	Small group tutors
09/21 Fri	08:10-10:00	Pathology	Tissue repair: cellular growth, fibrosis, and wound healing (I)(II)	Min-Shu Hsieh
	10:20-11:10	Pharmacology	Autacoids III	Wan-Wan Lin
	13:20-17:20	Internal Medicine	Clinical Practicum	Clinical tutors

### Week 3 [Introduction]

<b>Date</b>	<b>Time</b>	<b>Department</b>	<b>Subject</b>	<b>Lecturer</b>
09/24 Mon	Moon Festival (National holiday)			
09/25 Tue	08:10-10:00	Pathology	Micro teaching: inflammation	Ko-Ping Chang
	10:20-11:10	Surgery	Preoperative Assessment and Preparation	Chiung-Nien Chen
	11:20-12:10	Surgery	Physiological responses to minimal invasive surgery and current status of minimal invasive surgery	Yao-Ming Wu
09/26 Wed	13:20-15:10	Pathology	Hemodynamic derangement (I)(II)	Huang-Chun Lien
09/27 Thu	08:10-10:00	Pathology	Hemodynamic derangement (III)(IV)	Huang-Chun Lien
	10:20-11:10	Pharmacology	Adrenergic Drugs	Kai-Chien Yang
	11:20-12:10	Pharmacology	Agents Adrenergic Blocking Agents	Kai-Chien Yang
	13:20-15:10	Small Group Discussion	Pathology : Inflammation	Small group tutors
09/28 Fri	08:10-10:00	Pathology	Micro teaching: Hemodynamic derangement (1)	Ko-Ping Chang
	10:20-11:10	Surgery	Healing of surgical wound	Nai-Chen Cheng
	11:20-12:10	Surgery	Pathophysiology of major burns	Eng-Kean Yeong
	13:20-17:20	Internal Medicine	Clinical Practicum	Clinical tutors

## Week 4 [Infection and immune system]

Date	Time	Department	Subject	Lecturer
10/01 Mon	08:10-09:00	Pathology	Infection (I)	Jen-Chieh Lee
	09:10-10:00	Pathology	Infection(II)	Jau-Yu Liao
	10:20-11:10	Internal medicine	Infection and Immunity	Szu-Min Hsieh
	11:20-12:10	Lab Medicine	Laboratory diagnosis of infectious diseases	Pei-Lan Shao
	13:20-14:10	Pharmacology	Cholinergic Drugs	Lih-Chu Chiou
	14:20-15:10	Pharmacology	Cholinergic Blocking Agents	Lih-Chu Chiou
	15:30-16:20	Lab Medicine	Clinical bacteriology	Po-Ren Hsueh
	16:30-17:20	Lab Medicine	Principle and clinical application of antimicrobial susceptibility testing	Po-Ren Hsueh
10/02 Tue	08:10-10:00	Pathology	Micro teaching: Hemodynamic derangement (2)	Ko-Ping Chang
	10:20-11:10	Internal medicine	Clinical presentation of infectious diseases	Shan-Chwen Chang
	11:20-12:10	Internal medicine	Management of infectious diseases	Shan-Chwen Chang
10/03 Wed	13:20-15:10	Pathology	Infection (III)(IV)	Jau-Yu Liao
10/04 Thu	08:10-10:00	Pathology	Micro teaching: Infection (1)	Ko-Ping Chang
	10:20-11:10	Pharmacology	Antimicrobial Agents I	Ching-Shyi Wu
	11:20-12:10	Pharmacology	Antimicrobial Agents II	Ching-Shyi Wu
	13:20-15:10	Small Group Discussion	Pathology : circulatory system and metabolism	Small group tutors
10/05 Fri	08:10-10:00	Pathology	Micro teaching: Infection (2)	Ko-Ping Chang
	10:20-11:10	Pathophysiology	Fever and Septic Shock	Chi-Tai Fang
	13:20-17:20	Internal Medicine	Clinical Practicum	Clinical tutors

## Week 5 [Infection and immune system]

Date	Time	Department	Subject	Lecturer
10/08 Mon	08:10-10:00	Integrated Curriculum	<b>Exam 1 (Pathology &amp; Pharmacology)</b>	
	10:20-11:10	Lab Medicine	Laboratory serology (I)	Chien-Chin Lin
	11:20-12:10	Lab Medicine	Laboratory serology (II)	Chien-Chin Lin
	13:20-14:10	Pharmacology	Antimicrobial Agents III	Ching-Shyi Wu
10/09 Tue	08:10-10:00	Pathology	Micro teaching: Infection (3)	Ko-Ping Chang
	10:20-11:10	Internal medicine	Antimicrobial therapy	Wang-Huei Sheng
	11:20-12:10	Internal medicine	Travel medicine and emerging infectious diseases	Yee-Chun Chen
10/10 Wed	Double Tenth Day (National holiday)			
10/11 Thu	08:10-10:00	Integrated Curriculum	<b>Exam 2 (Clinical I &amp; Lab Medicine I)</b>	
	10:20-11:10	Pharmacology	Nonsteroidal Antiinflammatory Drugs	Feng-Chiao Tsai
	11:20-12:10	Pharmacology	Adrenal Corticoids	Ching-Shyi Wu
	13:20-15:10	Small Group Discussion	Pharmacology : Antimicrobial	Small group tutors
10/12 Fri	08:10-10:00	Pathology	Micro teaching: Infection (4)	Ko-Ping Chang
	10:20-11:10	Surgery	Principles in surgical infection	Rey-Heng, Hu
	13:20-17:20	Internal Medicine	Clinical Practicum	Clinical tutors

※Examination 1、2 : [Introduction](W1~W3)

## Week 6 [Infection and immune system]

Date	Time	Department	Subject	Lecturer
10/15 Mon	08:10-10:00	Pathology	<b>Micro Exam 1 (from the beginning to Infection)</b>	Shan-Chi Yu Chieh-yu Shen  Ko-Jen Li
	13:20-15:10	Pathology	Immunologic disorder (I)(II)	
	15:30-16:20	Internal medicine	Basic principles of autoimmune disease managements	
	16:30-17:20	Internal medicine	Clinical presentations in autoimmune diseases	
10/16 Tue	08:10-09:00	Pharmacology	Antifungal Agents	Ching-Chow Chen
	09:10-10:00	Pharmacology	Antiviral Agents	Ching-Chow Chen
	10:20-11:10	Lab Medicine	Laboratory diagnosis of viral diseases	Jong-Min Chen
	11:20-12:10	Lab Medicine	Clinical mycology and parasitology	Yu-tsung Huang
10/17 Wed	13:20-15:10	Pathology	Immunologic disorder (III)(IV)	Shan-Chi Yu
10/18 Thu	08:10-10:00	Pathology	Micro teaching: Immunologic disorder	Ko-Ping Chang
	10:20-11:10	Pharmacology	Immunopharmacology I	Shiang-Jong Tzeng
	11:20-12:10	Pharmacology	Immunopharmacology II	Shiang-Jong Tzeng
	13:20-15:10	Small Group Discussion	Pathology : Infectious disease (I)	Small group tutors
10/19 Fri	08:10-10:00	Pathology	Disease of infancy and childhood (I)(II)	Yih-Leong Chang
	10:20-11:10	Internal medicine	HIV/AIDS in Taiwan	Mao-Yuan Chen
	11:20-12:10	Pathophysiology	Fever and Septic Shock	kuang-lun Lee
	13:20-17:20	Internal Medicine	Clinical Practicum	Clinical tutors

## Week 7 [Infection and immune system] & [Introduction to neoplasms]

<b>Date</b>	<b>Time</b>	<b>Department</b>	<b>Subject</b>	<b>Lecturer</b>
10/22 Mon	08:10-10:00	Pathology	Micro teaching: childhood disease (1)	Ko-Ping Chang
	10:20-11:10	Pediatrics	Principles in the management of pediatric infectious disease	Ping-Ing Lee
	11:20-12:10	Pediatrics	Diagnosis and treatment of the common pediatric infectious diseases	Luan-Yin Chang
	13:20-14:10	Pharmacology	Anthelmintics, Antimalarial and Antiamebic Agents	Shiang-Jong Tzeng
10/23 Tue	08:10-10:00	Pathology	Micro teaching: childhood disease (2)	Ko-Ping Chang
	10:20-11:10	Pediatrics	Management of the common pediatric immunological problems	Bor-Luen Chiang
10/24 Wed	13:20-15:10	Pathology	Neoplasm (I)(II)	Yung-Ming Jeng
10/25 Thu	08:10-10:00	Pathology	Neoplasm (III)(IV)	Ko-Ping Chang
	10:20-11:10	Pharmacology	Anticancer Drugs I	Ching-Chow Chen
	11:20-12:10	Pharmacology	Anticancer Drugs II	Ching-Chow Chen
	13:20-15:10	Small Group Discussion	Pathology : Autoimmune disease	Small group tutors
10/26 Fri	08:10-10:00	Pathology	Neoplasm (V)(VI)	Ko-Ping Chang
	10:20-11:10	Lab Medicine	Molecular diagnosis (I)	Wen-Chien Chou
	11:20-12:10	Lab Medicine	Molecular diagnosis (II)	Wen-Chien Chou
	13:20-17:20	Internal Medicine	Clinical Practicum	Clinical tutors



## Week 8 [Introduction to neoplasms]

Date	Time	Department	Subject	Lecturer
10/29 Mon	08:10-10:00	Pathology	Micro teaching: epithelial neoplasm (1)	Ko-Ping Chang
	10:20-11:10	Lab Medicine	Tumor markers	Li-Na Lee
	11:20-12:10	Lab Medicine	Body fluid examination	I-Shiow Jan
10/30 Tue	08:10-10:00	Pathology	Micro teaching: epithelial neoplasm (2)	Ko-Ping Chang
	10:20-11:10	Internal medicine	Management fo cancer patient	Yen-Shen Lu
10/31 Wed	13:20-15:10	Pathology	Micro teaching: epithelial neoplasm (3)	Ko-Ping Chang
11/01 Thu	08:10-10:00	Pathology	Micro teaching: mesenchymal neoplasm (1)	Ko-Ping Chang
	10:20-11:10	Surgery	<b>Surgical Treatment for Benign and Malignant Soft Tissue Tumor</b>	Hao-Chih Tai
	13:20-15:10	Small Group Discussion	Pharmacology : Rheumatology and Immunology	Small group tutors
11/02 Fri	08:10-10:00	Pathology	Micro teaching: mesenchymal neoplasm (2)	Ko-Ping Chang
	10:20-11:10	Internal medicine	Communication with cancer patients	Chiun Hsu
	11:20-12:10	Internal medicine	Clinical manifestation of cancer	Chiun Hsu
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

## Week 9 [Heart]

Date	Time	Department	Subject	Lecturer
11/05 Mon	08:10-10:00	Pathology	Micro teaching: mesenchymal neoplasm (3)	Ko-Ping Chang
	10:20-12:10	Lab Medicine	Electrocardiogram	Jen-Kuang Lee
	13:20-15:10	Pathology	Disease of vessel (I)(II)	Mu-Zon Wu
11/06 Tue	08:10-10:00	Pathology	Disease of heart (I)(II)	Chi-Long Chen
	10:20-11:10	Internal medicine	Symptomatology in cardiovascular disease	Juey-Jen Hwang
	11:20-12:10	Internal medicine	The physical examination of the cardiovascular system	Yi-Lwun Ho
11/07 Wed	13:20-15:10	Pathology	Disease of heart (III)(IV)	Chi-Long Chen
11/08 Thu	08:10-09:00	Pathology	Congenital heart disease	Mu-Zon Wu
	09:10-10:00	Internal medicine	Diagnosis and management of coronary artery disease	Hsien-Li Kao
	10:20-11:10	Pharmacology	Antihypertensive Agents I	Wen-Pin Chen
	11:20-12:10	Pharmacology	Antihypertensive Agents II	Wen-Pin Chen
	13:20-15:10	Small Group Discussion	Pathology : Oncology	Small group tutors
11/09 Fri	08:10-10:00	Pathology	Micro teaching: cardiovascular system	Ko-Ping Chang
	10:20-11:10	Internal medicine	Hypertension and associated diseases	Tzung-Dau Wang
	11:20-12:10	Pathophysiology	Homeostasis	Chau-Chung Wu
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

## Week 10 [Heart]

Date	Time	Department	Subject	Lecturer
11/12 Mon	08:10-10:00	Integrated Curriculum	<b>Exam 3 (Pathology &amp; Pharmacology)</b>	
	10:20-11:10	Pathophysiology	Acute myocardial infarction	Bai-Chin Lee
	13:20-14:10	Pharmacology	Drugs for Coronary Artery Disease	Wen-Pin Chen
	14:20-15:10	Surgical	Surgery for coronary artery disease	Ron-Bin Hsu
	15:30-16:20	Internal medicine	Diagnosis and treatment of secondary hypertension	Yen-Hung Lin
11/13 Tue	08:10-09:00	Pathology	Nutritional disorder	Tsui-Lien Mao
	09:10-10:00	Pathology	Environmental pathology (I)	Yi-Hsuan Lee
	10:20-11:10	Internal medicine	Pathophysiology and medical managements for valvular heart disease	Lung-Chun Lin Chia-Ti Tsai
	11:20-12:10	Internal medicine	Diagnosis and treatment of sudden cardiac death	
11/14 Wed	13:20-15:10	Pathology	Environmental pathology (II)(III)	Yi-Hsuan Lee
11/15 Thu	本校校慶(停課一天)			
11/16 Fri	08:10-10:00	Integrated Curriculum	<b>Exam 4 (Clinical I &amp; Lab Medicine I)</b>	
	10:20-12:10	Pathology	Micro teaching: germ cell neoplasm	Ko-Ping Chang
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

※Examination 3、4 : [Infection and immune system]&[ Introduction to neoplasms](W4~W8)

## Week 11 [Heart]

Date	Time	Department	Subject	Lecturer
11/19 Mon	08:10-10:00	Pathology	<b>Micro review</b>	Ko-Ping Chang
	10:20-11:10	Surgery	Non cyanotic congenital heart disease	Yih-Shang Chen
	11:20-12:10	Surgery	Surgical treatment	
			Surgical treatment of cyanotic congenital heart diseases	Shu-chien Huang
	13:20-14:10	Pharmacology	Antiarrhythmic Agents I	Kai-Chien Yang
	14:20-15:10	Pharmacology	Antiarrhythmic Agents II	Kai-Chien Yang
	15:30-16:20	Internal medicine	Diagnosis and management of cardiac arrhythmia	Yen-Bin Liu
	16:30-17:20	Surgery	Surgical treatment of valvular heart disease and atrial fibrillation	Hsi-Yu Yu
11/20 Tue	08:10-10:00	Pathology	Gross teaching (I)	Faculty members
	10:20-11:10	Surgery	Peripheral artery disease: symptoms, causes, and treatments	Chih-Yang, Chan
	11:20-12:10	Surgery	Clinical manifestations and options of surgical treatment in aortic diseases	I-Hui Wu
11/21 Wed	13:20-15:10	Pathology	Gross teaching (I)	Faculty members
11/22 Thu	08:10-10:00	Pathology	Gross teaching (I)	Faculty members
	10:20-11:10	Pharmacology	Drugs for Heart Failure	Kai-Chien Yang
	11:20-12:10	Internal medicine	Diagnosis and medical management of heart failure	Chii-Ming Lee
	13:20-15:10	Small Group Discussion	Pharmacology : Cardiovascular	Small group tutors
11/23 Fri	08:10-10:00	Pathology	Gross teaching (I)	Faculty members
	10:20-11:10	Pathophysiology	Congestive heart failure	Cho-Kai Wu
	11:20-12:10	Surgery	Surgery for end-stage heart failure	Ron-Bin, Hsu
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

## Week 12 [Heart] & [Respiratory system]

Date	Time	Department	Subject	Lecturer
11/26 Mon	08:10-10:00	Pathology	Pulmonary disease (I)(II)	Yih-Leong Chang
	10:20-11:10	Internal medicine	Shock: Pathophysiology and Management	Po-Yuan Chang
	11:20-12:10	Surgery	Shock and Advance Cardiac Life Support	Nai-Hsin, Chi
	13:20-14:10	Pharmacology	Respiratory Drugs	Ching-Shyi Wu
	14:20-15:10	Pharmacology	Chemotherapy of Tuberculosis & Leprosy	Feng-Chiao Tsai
	15:30-16:20	Surgery	Extracorporeal circulation with myocardial protection (Artificial organs)	Nai-Kuan Chou
11/27 Tue	08:10-10:00	Pathology	Pulmonary disease (III)(IV)	Min-Shu Hsieh
	10:20-11:10	Pediatrics	Diagnosis and treatment of pediatric heart diseases	Mei-Hwan Wu
	11:20-12:10	Internal medicine	Symptomatology in Pulmonary	Pan-Chyr Yang
11/28 Wed	13:20-15:10	Pathology	Pulmonary disease (V)(VI)	Yih-Leong Chang
11/29 Thu	08:10-10:00	Pathology	Micro teaching: respiratory system (1)	Yih-Leong Chang
	10:20-11:10	Internal medicine	Physical Examination for Lung Disease	Jann-Yuan Wang
	11:20-12:10	Internal medicine	Examination for Pulmonary Function	Huey-Dong Wu
	13:20-15:10	Small Group Discussion	Oral presentation (English)	Small group tutors
11/30 Fri	08:10-10:00	Pathology	Micro teaching: respiratory system (2)	Ko-Ping Chang
	10:20-11:10	Internal medicine	Diagnosis of pulmonary disease	Chia-Lin Hsu
	11:20-12:10	Pathophysiology	Chronic obstructive pulmonary disease	Chao-Chi Ho
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

## Week 13 [Respiratory system]

Date	Time	Department	Subject	Lecturer
12/03 Mon	08:10-10:00	Integrated Curriculum	<b>Exam 5 (Pathology &amp; Pharmacology)</b>	
	10:20-11:10	Internal medicine	Diagnosis and Treatment for Pulmonary Tuberculosis	Jann-Yuan Wang
	11:20-12:10	Internal medicine	Respiratory tract infection	Jung-Yien Chien
	13:20-15:10	Pathology	Genetic disorder (I)(II)	Chin-Tarng Lin
12/04 Tue	08:10-09:00	Pathology	Genetic disorder (III)	Chin-Tarng Lin
	09:10-10:00	Pathology	Genetic disorder (IV)	Kuan-Ting Kuo
	10:20-11:10	Internal medicine	Bronchial asthma	Lu-Cheng Kuo
	11:20-12:10	Pathophysiology	Restrictive lung disease	Ping-Hung Kuo
12/05 Wed	13:20-15:10	Pathology	Genetic disorder (V)(VI)	Kuan-Ting Kuo
12/06 Thu	08:10-10:00	Integrated Curriculum	<b>Exam 6 (Clinical I &amp; Lab Medicine I)</b>	
	10:20-11:10	Pathophysiology	Body adaptation of disease status - respiratory failure	Jih-Shuin Jerng
	11:20-12:10	Internal medicine	Respiratory Failure	Jih-Shuin Jerng
	13:20-15:10	Small Group Discussion	Pathology : Cardiovascular disease	Small group tutors
12/07 Fri	08:10-10:00	Pathology	Micro Review	Ko-Ping Chang
	10:20-11:10	Internal medicine	Lung cancer	Kuan-Yu Chen
	11:20-12:10	Surgery	Mediastinal and Pulmonary Infections: Clinical Diagnosis, Surgical and Alternative Treatments	Pei-Ming, Huang
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

※Examination 5、6 : [Heart] (W9~W12)

## Week 14 [Respiratory system]

Date	Time	Department	Subject	Lecturer
12/10 Mon	08:10-10:00	Pathology	<b>Micro Exam 2 (from Immunologic disorder to Respiratory system)</b>	
	10:20-11:10	Surgery	Lung transplantation as a treatment of end-stage respiratory failure and pulmonary vascular diseases	Hsao-Hsun, Hsu
	11:20-12:10	Surgery	Surgical treatment for lung tumors and lung diseases	Jin-Shing Chen
12/11 Tue	08:10-10:00	Pathology	Gross teaching (II)	Faculty members
	10:20-11:10	Pediatrics	Diagnosis and treatment of neonatal respiratory problems	Po-Nien Tsao
	11:20-12:10	Pediatrics	Introduction of pediatric genetics	Wuh-Liang Hwu
12/12 Wed	13:20-15:10	Pathology	Gross teaching (II)	Faculty members
12/13 Thu	08:10-10:00	Pathology	Gross teaching (II)	Faculty members
	10:20-11:10	Internal medicine	Management of critically ill patients	Shih-Chi Ku
	13:20-15:10	Small Group Discussion	Pathology : Infectious disease(II)	Small group tutors
12/14 Fri	08:10-10:00	Pathology	Gross teaching (II)	Faculty members
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

## Week 15 [Digestive system and tumors]

Date	Time	Department	Subject	Lecturer
12/17 Mon	08:10-10:00	Integrated Curriculum	<b>Exam 7 (Pathology &amp; Pharmacology)</b>	Ming-Shiang Wu Jin-De Chen  Yung-Ming Jeng Wei-Chih Liao Ray-Hwang, Yuan
	10:20-11:10	Internal medicine	Symptoms and signs of digestive diseases	
	11:20-12:10	Lab Medicine	Liver function test	
	13:20-15:10	Pathology	Disease of liver (I)(II)	
	15:30-16:20	Internal medicine	Abdominal physical examination	
	16:30-17:20	Surgery	Acute Abdomen – Diagnosis and Treatment	
12/18 Tue	08:10-10:00	Pathology	Disease of liver (III)(IV)	Yung-Ming Jeng Chun-Jen Liu Tai-Chung Tsen
	10:20-11:10	Internal medicine	Management of liver diseases	
	11:20-12:10	Internal medicine	Management of abnormal liver function	
12/19 Wed	13:20-15:10	Pathology	Disease of pancreas, gallbladder and biliary tree (I)(II)	Jia-Huei Tsai
12/20 Thu	08:10-10:00	Integrated Curriculum	<b>Exam 8 (Clinical I &amp; Lab Medicine I)</b>	Feng-Chiao Tsai Feng-Chiao Tsai  Small group tutors
	10:20-11:10	Pharmacology	Drugs Used in G-I Diseases I	
	11:20-12:10	Pharmacology	Drugs Used in G-I Diseases II	
	13:20-15:10	Small Group Discussion	Pharmacology : Chest diseases	
12/21 Fri	08:10-10:00	Pathology	Micro teaching: liver and biliary tract (1)	Ko-Ping Chang Yu-Ting Chang Jyh-Chin Yang  Clinical tutors
	10:20-11:10	Internal medicine	Management of biliary and pancreatic diseases	
	11:20-12:10	Pathophysiology	Biliary tract obstruction	
	13:20-17:20	Internal medicine	Clinical Practicum	
12/22 Sat	08:10-10:00	Pathology	Micro teaching: liver and biliary tract (2)	Yung-Ming Jeng Feng-Chiao Tsai
	10:20-11:10	Pharmacology	Drugs Used in G-I Diseases III	

※Examination 7、8 : [Respiratory system] (W12~W14)



## Week 16 [Digestive system and tumors]

Date	Time	Department	Subject	Lecturer
12/24 Mon	08:10-10:00	Pathology	Micro teaching: liver and biliary tract (3)	Ko-Ping Chang
	10:20-11:10	Lab Medicine	Laboratory diagnosis of gastrointestinal diseases	Tsu-Yao Cheng
	11:10-11:20	Lab Medicine	Feed back	All faculty members
	13:20-14:10	Surgery	Surgical Treatment of Pancreatic Disease	Yu-Wen Tien
	14:20-15:10	Internal medicine	Screening, diagnosis and management of colorectal neoplasms	Han-Mo Chiu
	15:30-16:20	Surgery	Surgical Treatment for Anorectal Diseases	Jin-Tung, Liang
12/25 Tue	08:10-10:00	Pathology	Micro teaching: liver and biliary tract (4)	Ko-Ping Chang
	10:20-11:10	Pediatrics	Clinical symptoms and signs of the pediatric digestive system diseases	Yen-Huan Ni
	11:20-12:10	Surgery	Management of pediatric patients with emergent gastrointestinal surgical diseases	Wen-Ming Hsu
12/26 Wed	13:20-14:10	Pathology	Head and neck pathology	Min-Shu Hsieh
	14:20-15:10	Pathology	GI pathology (I)	Min-Shu Hsieh
12/27 Thu	08:10-10:00	Pathology	GI pathology (II)(III)	Jia-Huei Tsai
	10:20-11:10	Surgery	Common surgical diseases of hepatobiliary system in children	Wen-His, Lin
	11:20-12:10	Pathophysiology	Peptic ulcer disease	Jyh-Ming Liou
	13:20-15:10	Small Group Discussion	Pathology : Respiratory diseases	Small group tutors
12/28 Fri	08:10-09:00	Pathology	GI pathology (V)	Jia-Huei Tsai
	09:10-10:00	Surgery	The surgery for esophageal cancer and other esophageal diseases	Jang-Ming, Lee
	10:20-11:10	Internal medicine	Medical management for patients with hepatocellular carcinoma	Chiun Hsu
	11:20-12:10	Surgery	Surgical treatment of hepatocellular carcinoma	Rey-Heng, Hu
	13:20-17:20	Internal medicine	Clinical Practicum	Clinical tutors

## Week 17 [Digestive system and tumors]

日期	Date	Time	Department	Subject
12/31 Mon	Bridge holiday (comp day for school: 12/22)			
01/01 Tue	National holiday			
01/02 Wed	13:20-15:10	Pathology	Micro teaching: GI tract and pancreas (1)	Ko-Ping Chang
01/03 Thu	08:10-10:00	Pathology	Micro teaching: GI tract and pancreas (2)	Ko-Ping Chang I-Rue, Lai
	10:20-11:10	Surgery	The surgical treatment of gastric cancer and peptic ulcer disease	
	13:20-15:10	Small Group Discussion	Pathology : Respiratory diseases	Small group tutors
01/04 Fri	08:10-10:00	Pathology	Micro review	Ko-Ping Chang
	10:20-11:10	Surgery	Treatment for Colorectal Cancer	Jin-Tung Liang

## Week 18 Examinations

<b>Date</b>	<b>Time</b>	<b>Department</b>	<b>Subject</b>	<b>Lecturer</b>
01/07 Mon	08:10-10:00	Integrated Curriculum	<b>Exam 9 (Pathology &amp; Pharmacology)</b>	
01/08 Tue				
01/09 Wed	13:20-15:10	Pathology	<b>Micro Exam 3 (Digestive system and tumors)</b>	
01/10 Thu				
01/11 Fri	08:10-10:00	Integrated Curriculum	<b>Exam 10 (Clinical I &amp; Lab Medicine I)</b>	

※Examination 9、10 : [Digestive system and tumors] (W14~W17)