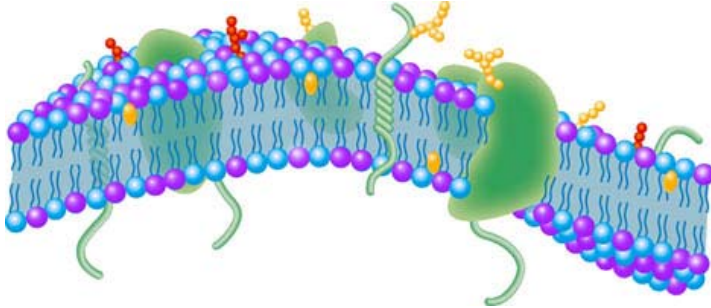


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Tıp Fakültesi MARMARA UNIVERSITY EASTERN MEDITERRANEAN UNIVERSITY INTERNATIONAL MEDICAL SCHOOL 	
	
CELLULAR METABOLISM AND TRANSPORT YEAR 1 COURSE 2 November 23rd, 2026 – January 16th, 2027	
Year 1 Coordinators Prof. Mustafa AKKİPRİK & Prof. Dilek AKAKIN & Assoc. Prof. Ergül MUTLU ALTUNDAĞ	
PBL Module Coordinator Prof. Rezzan Gülhan Inst. Hüseyin Beyaz	Coordinator of Multidisciplinary Students' Lab. Assoc. Prof. Burak AKSU Assoc. Prof. Ergül MUTLU ALTUNDAĞ
Coordinator of Clinical Skill Lab. Prof. Hasan R. YANANLI Dr. Zehra GÜLTEKİN	Coordinator of ICS Res. Lab. Prof. Hasan R. YANANLI Assist. Prof. İlke AKÇAY
Vice-Chief Coordinators	
Assessment Assist. Prof. Cevdet NACAR Assist. Prof. Halil Eren SAKALLI	Student Affairs Assist. Prof. Can ERZİK Assist. Prof. İlke AKÇAY
Chief Coordinator Prof. Hasan R. YANANLI Assoc. Prof. Amber EKER	Coordinator of Medical Education Program Evaluation and Development Commission Prof. Tunç Öneş
Coordinator of the Joint Program Prof. Süleyman Ümit ŞEHİRLİ	
Dean (EMU) Prof. Nilüfer GÜZOĞLU	Dean (MU) Prof. Süleyman Ümit ŞEHİRLİ

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LEARNING OUTCOMES / COMPETENCIES

- A. Clinical Care: Qualified patient care and community oriented health care**
 - 1. Basic clinical skills
 - 2. The organization and management of the patient and the patient care
 - 3. The organization and the management of health care delivery services / system
 - 4. Health promotion and disease prevention
- B. Medical Knowledge and Evidence-Based Medicine**
 - 5. Appropriate information retrieval and management skills
 - 6. The integration of knowledge, critical thinking and evidence-based decision making
 - 7. Scientific methods and basic research skills
- C. Professional Attitudes and Values**
 - 8. Communication skills and effective communication with patients / patient relatives
 - 9. Interpersonal relationships and team working
 - 10. Ethical and professional values, responsibilities
 - 11. Individual, social and cultural values and responsibilities
 - 12. Reflective practice and continuing development
 - 13. Healthcare delivery systems, management and community oriented healthcare
 - 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

- 1. Understanding the normal structures and functions of human body
- 2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
- 3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
- 4. Gaining basic clinical skills by applications in simulated settings.
- 5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
- 6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
- 7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course : Growth, Development, Mental and Endocrine Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

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CELLULAR METABOLISM AND TRANSPORT	
AIM and LEARNING OBJECTIVES of COURSE Aim: At the end of this committee, first year students will gain knowledge about the metabolic pathways within the cell, structure of the cell membrane and transport mechanisms. Learning Objectives: At the end of this committee, students will, - acquire knowledge related to structural characteristics, functions and regulation of enzymes and coenzymes - understand the ATP synthesis and its effect on metabolic pathways - describe the constituents and reactions of metabolic pathways within the cell - understand membrane structure and its function, physical principles of transport and signaling mechanisms both within and among the cells - acquire skills necessary to perform experimental applications.	
ASSESSMENT SYSTEM Module examination: Written exam at the end of module (10 % of final score) Practical examination: Practical exams at the end of course Course examination: Written exam at the end of course	PROGRAM EVALUATION Evaluation at the end of the course, is done both orally and by using structured evaluation forms
DEPARTMENTS PARTICIPATING IN COURSE-1.2 & MODULE-1.2	
- Biochemistry - Biophysics - Biostatistics	- Medical Biology - Physiology
LECTURERS / TUTORS	
Adil Şeytanoğlu, Assist. Prof., Molecular Biology and Genetics Alper Yıldırım, Prof., Physiology Ayşe Atasoylu, Dr., Lifestyle Medicine Ayşe Mine Yılmaz, Assist. Prof. Medical Biochemistry Banu Aydın Omay, Assoc. Prof., Biophysics Betül Yılmaz, Prof., Medical Biochemistry Cevdet Nacar, Assist. Prof., Biophysics Devran Kaya, Inst. Dr., Atatürk's Principles and History Ergül Mutlu Altundağ, Assoc., Prof., Medical Biochemistry Golsa Sharifmoghadam, Inst...	Goncagül Haklar, Prof., Medical Biochemistry Hülya Cabadak Prof., Biophysics İlke Akçay, Assist. Prof., Biostatistics Kadir Çakıral, Dr., Chemistry Mustafa Akkiprik, Prof., Medical Biology Namık Kerküklü, Dr., Biology Özge Eker, Inst. Dr., Medical Genetics Özgür Kasımay, Prof., Physiology Pınar Mega Tiber, Prof., Biophysics Saime Batirel, Assoc. Prof., Medical Biochemistry Sinem Yıldız, Assoc. Prof. Medical Education Zehra Gultekin, Dr. Emergency Medicine
READING / STUDYING MATERIALS	
- Biochemistry, Stryer, 4th Ed., Freeman - Biochemistry, Zubay, 3rd Ed., WCB - Harper's Biochemistry, Murray, Granner, 23rd Ed., Lange Interscience, New Jersey 2003 - Introduction to Biostatistics For Health Sciences, Micheal R. Chernick, Robert H. Friss, Willey - Lehninger Principles of Biochemistry, Nelson, Cox, 3rd edition, Worth - Medical Statistics at a Glance, Aviva Petrie, Caroline Sabin, Blackwell Science, London 2003 - Physics, Giancoli, 4th Ed., Prentice Hall - Practical Statistics for Medical Research, Douglas Altman, Chapman & Hall, London 1995 - Principles of Physiology, Bern and Levy, 4th Ed. - Temel Biyoistatistik, Mustafa Şenocak, Çağlayan Kitapevi, İstanbul 1990 - Textbook of Physiology, Guyton and Hall, 10th Ed. - The Cell: A Molecular Approach, Cooper, 2nd Ed., ASM Press - Molecular Biology of the Cell, Alberts et al. 3rd Ed., Garland	

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SUMMARY OF THE COURSE 1.2			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Biochemistry	26	12	38
Biophysics	20		20
Biostatistics	10		10
Medical Biology	4		4
Physiology	8	2	10
PBL Module	8		8
Subtotal*	76	14	90
ICS-1 CSL FA: Clinical Skills Laboratory & Introduction to First Aid Course (MDN1707)	4	12	16
ICS-1 CS-MI: Communication Skills & Introduction to Medical Interview (MDN1705)	10	6	16
ICS-1 SR-CS: Introduction to Student Research and Computer Skills (MDN1706)	10	5	15
Medical English (ENGL131)	14		14
Atatürk's Principles and the History of Turkish Renovation (for Turkish students) (HIST180)	10		10
Turkish for Medical Students-I (International Students) (TFMS101)	28	(Interactive session)	28
Elective (AE-01)	14		14
TOTAL *	142** 138***	31	173** 169***

*Hours/student **For International Students *** For Turkish students

Last updated on 09 September, 2026

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		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	LECTURE PLATFORM
		1st Week (23 November -27 November 2026)		
Cyprus Local Time	Turkey Local Time			
Monday		23 November		
08:40-09:30	09:40-10:30	Turkish for Medical Students - I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students - I	TBA	
10:40-11:30	11:40-12:30	Turkish for Medical Students - I	TBA	
11:40-12:30	12:40-13:30	Turkish for Medical Students - I	TBA	
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdıye Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Elective Courses		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		24 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Introduction to the course	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	11:40-12:30	Homeostasis	Dr. Alper Yıldırım	IN CLASS
11:40-12:30	12:40-13:30	Bioelectric potentials	Dr. Alper Yıldırım	IN CLASS
13:40-14:30	14:40-15:30	Bioelectric potentials	Dr. Alper Yıldırım	IN CLASS
14:40-15:30	15:40-16:30	Intercellular communication	Dr. Alper Yıldırım	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
17:40-18:30	18:40-19:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
Wednesday		25 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		

Last updated on 09 September, 2026

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10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	ICS-1 SR-CS : Theme of ICS-1 Research projects	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
Thursday		26 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	Introduction to statistical analysis	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	Sampling, distribution and estimation	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 CS-MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
Friday		27 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	What is probability and probability distribution?	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	Bayes' Theorem	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Importance of genome projects in medicine	Dr. Adil Şeytanoğlu	IN CLASS
14:40-15:30	15:40-16:30	Genome of mitochondria	Dr. Adil Şeytanoğlu	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
2nd Week (30 November - 04 December 2026)				

Last updated on 09 September, 2026

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Cyprus Local Time	Turkey Local Time			
Monday		30 November		
08:40-09:30	09:40-10:30	Turkish for Medical Students - I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students - I	TBA	IN CLASS
10:40-11:30	11:40-12:30	Turkish for Medical Students - I	TBA	IN CLASS
11:40-12:30	12:40-13:30	Turkish for Medical Students - I	TBA	IN CLASS
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdıye Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Elective Course		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		01 December		
08:40-09:30	09:40-10:30	ICS-1 CSL: Mesuring Vital Signs and Evaluating General Appearance	Dr.Ayşe Atasoylu	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 CSL: Mesuring Vital Signs and Evaluating General Appearance	Dr.Ayşe Atasoylu	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 CSL: Mesuring Vital Signs and Evaluating General Appearance	Dr.Ayşe Atasoylu	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 CSL: Mesuring Vital Signs and Evaluating General Appearance	Dr.Ayşe Atasoylu	IN CLASS
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	Testing statistical hypothesis	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	Types of errors in statistical inference	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
17:40-18:30	18:30-19:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
Wednesday		02 December		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Electrochemical potentials, Nernst potential	Dr. Pınar Mega Tiber	IN CLASS
10:40-11:30	11:40-12:30	Membrane potentials and action potential	Dr. Pınar Mega Tiber	IN CLASS
11:40-12:30	12:40-13:30	Membrane potentials and action potential	Dr. Pınar Mega Tiber	IN CLASS

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13:40-14:30	14:40-15:30	Physical characteristics of membrane structure and function	Dr. Banu Aydın Omay	IN CLASS
14:40-15:30	15:40-16:30	Membrane proteins	Dr. Banu Aydın Omay	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
17:40-18:30	18:30-19:30	STUDY TIME		
Thursday		03 December		
08:40-09:30	09:40-10:30	ICS-1 SR-CS : Contents in the Introduction part of a research study	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 SR-CS : Topic & Title	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 SR-CS : General and Specific objectives	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 SR-CS : Writing a research question	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Physical principles: Diffusion and facilitated transport	Dr. Hülya Cabadak	IN CLASS
14:40-15:30	15:40-16:30	Physical principles: Diffusion and facilitated transport	Dr. Hülya Cabadak	IN CLASS
15:40-16:30	16:40-17:30	Active transport and secondary active transport	Dr. Hülya Cabadak	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		04 December		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Coupling of biological reactions with high energy metabolite	Dr. Hülya Cabadak	IN CLASS
10:40-11:30	11:40-12:30	Coupling of biological reactions with high energy metabolite	Dr. Hülya Cabadak	IN CLASS
11:40-12:30	12:40-13:30	Energetics of electron transport	Dr. Hülya Cabadak	IN CLASS
13:40-14:30	14:40-15:30	Applications of recombinant DNA technology in medicine	Dr. Mustafa Akkiprik	MS TEAMS
14:40-15:30	15:40-16:30	Applications of recombinant DNA technology in medicine	Dr. Mustafa Akkiprik	MS TEAMS
15:40-16:30	16:40-17:30	ICS-1 CS-MI: Medical Interview (Welcoming,chief complaint,evaluate health, lifestyle habits)	Dr. Ayşe Atasoylu	IN CLASS

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16:40-17:30	17:40-18:30	ICS-1 CS-MI: Medical Interview (Welcoming,cheif complaint,evaluate health, lifestyla habits)	Dr. Ayşe Atasoylu	IN CLASS
3rd Week (07 December-11 December 2026)				
Cyprus Local Time	Turkey Local Time			
Monday		07 December		
08:40-09:30	09:40-10:30	Turkish for Medical Students- I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students- I	TBA	IN CLASS
10:40-11:30	11:40-12:30	Turkish for Medical Students- I	TBA	IN CLASS
11:40-12:30	12:40-13:30	Turkish for Medical Students- I	TBA	IN CLASS
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdıye Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Electives		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		08 December		
08:40-09:30	09:40-10:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
09:40-10:30	10:40-11:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
10:40-11:30	11:40-12:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
11:40-12:30	12:40-13:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
13:40-14:30	14:40-15:30	ICS-1 CS MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 CS MI: Communication Skills	Dr. Sinem Yıldız	IN CLASS
15:40-16:30	16:40-17:30	Principles of statistical analysis	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
17:40-18:30	18:40-19:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
Wednesday		09 December		

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08:40-09:30	09:40-10:30	Elements of statistical interference	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 Communication Skills (Practical)	Dr. Sinem Yıldız	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 Communication Skills (Practical)	Dr. Sinem Yıldız	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 Communication Skills (Practical)	Dr. Sinem Yıldız	IN CLASS
13:40-14:30	14:40-15:30	ICS-1 Communication Skills (Practical)	Dr. Sinem Yıldız	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 Communication Skills (Practical)	Dr. Sinem Yıldız	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 Communication Skills (Practical)	Dr. Sinem Yıldız	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		10 December		
08:40-09:30	09:40-10:30	Y2C2 COMMITTEE EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	ICS-1 SR-CS :Contents in the Material and Methods part of a research study	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 SR-CS :Questionnaire as a data collection tool	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 SR-CS :Questionnaire design	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 SR-CS :Questionnaire design	Dr. İlke Akçay	IN CLASS
Friday		11 December		
08:40-09:30	09:40-10:30	ICS-1 SR-CS :Critics with groups (Gr1 & Gr2)	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 SR-CS :Critics with groups (Gr3 & Gr4)	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 SR-CS :Critics with groups (Gr5 & Gr6)	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 SR-CS :Critics with groups (Gr7 & Gr8)	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Difference between parametric and nonparametric methods; Introduction to parametric methods	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	One sample t-test, unpaired t-test and paired t-test	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		

Last updated on 09 September, 2026

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16:40-17:30	17:40-18:30	STUDY TIME		
4thWeek (14 December-18 December 2026)				
Cyprus Local Time	Turkey Local Time			
Monday		14 December		
08:40-09:30	09:40-10:30	Turkish for Medical Students- I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students- I	TBA	IN CLASS
10:40-11:30	11:40-12:30	Turkish for Medical Students- I	TBA	IN CLASS
11:40-12:30	12:40-13:30	Turkish for Medical Students- I	TBA	IN CLASS
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdıye Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Electives		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		15 December		
08:40-09:30	09:40-10:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
09:40-10:30	10:40-11:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
10:40-11:30	11:40-12:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
11:40-12:30	12:40-13:30	ICS-1 CLS FA: First aid in musculoskeletal injuries, transport of patient	Dr. Zehra Gültekin	ICS LAB.
13:40-14:30	14:40-15:30	Introduction to metabolism and metabolic control	Dr. Betül Yılmaz	IN CLASS
14:40-15:30	15:40-16:30	Introduction to metabolism and metabolic control	Dr. Betül Yılmaz	IN CLASS
15:40-16:30	16:40-17:30	Role of organelles in the metabolism	Dr. Betül Yılmaz	IN CLASS
16:40-17:30	17:40-18:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
17:40-18:30	18:40-19:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
Wednesday		16 December		

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08:40-09:30	09:40-10:30	Reactions of glycolysis	Dr. Betül Yılmaz	IN CLASS
09:40-10:30	10:40-11:30	Reactions of glycolysis	Dr. Betül Yılmaz	IN CLASS
10:40-11:30	11:40-12:30	Regulation of glycolysis	Dr. Betül Yılmaz	IN CLASS
11:40-12:30	12:40-13:30	Regulation of glycolysis	Dr. Betül Yılmaz	IN CLASS
				IN CLASS
13:40-14:30	14:40-15:30	PBL-1	Dr.Ergül Mutlu.Altundağ Dr.Özge Eker Inst.Golsa Sharifmoghadam Dr. Namık Kerküklü Dr. Kadir Çakırel	PBL ROOM
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Overview of glycolysis	Dr. Betül Yılmaz	IN CLASS
16:40-17:30	17:40-18:30	Gluconeogenesis and glycogen metabolism-1	Dr. Betül Yılmaz	IN CLASS
17:40-18:30	18:40-19:30	Gluconeogenesis and glycogen metabolism-1	Dr. Betül Yılmaz	IN CLASS
Thursday		17 December		
08:40-09:30	09:40-10:30	Y3C2 COMMITTEE EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	ICS-1 SR-CS : Critics with groups (Gr9 & Gr10)	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 SR-CS : Critics with groups (Gr11 & Gr12)	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 SR-CS : Critics with groups (Gr13 & Gr14)	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 SR-CS : Critics with groups (Gr15 & Gr16)	Dr. İlke Akçay	IN CLASS
Friday		18 December		
08:40-09:30	09:40-10:30	Transport of substances	Dr. Özgür Kasımay	IN CLASS
09:40-10:30	10:40-11:30	Transport of substances	Dr. Özgür Kasımay	IN CLASS
10:40-11:30	11:40-12:30	Signal transduction	Dr. Özgür Kasımay	IN CLASS
11:40-12:30	12:40-13:30	Cell to cell adhesions	Dr. Özgür Kasımay	IN CLASS
13:40-14:30	14:40-15:30	Physiology LAB: Cell Physiology - Group A	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplin ary Lab.

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14:40-15:30	15:40-16:30	Physiology LAB: Cell Physiology - Group A	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	Physiology LAB: Cell Physiology - Group B	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	Physiology LAB: Cell Physiology - Group B	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
5th Week (21 December-25 December 2026)				
Cyprus Local Time	Turkey Local Time			
Monday		21 December		
08:40-09:30	09:40-10:30	Turkish for Medical Students- I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students- I	TBA	IN CLASS
10:40-11:30	11:40-12:30	Turkish for Medical Students- I	TBA	IN CLASS
11:40-12:30	12:40-13:30	Turkish for Medical Students- I	TBA	IN CLASS
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdıye Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Electives		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		22 December		
08:40-09:30	09:40-10:30	ICS-1 CSL FA: Mesuring vital signs, wound care	Dr. Zehra Gültekin	ICS LAB.
09:40-10:30	10:40-11:30	ICS-1 CSL FA: Mesuring vital signs, wound care	Dr. Zehra Gültekin	ICS LAB.
10:40-11:30	11:40-12:30	ICS-1 CSL FA: Mesuring vital signs, wound care	Dr. Zehra Gültekin	ICS LAB.
11:40-12:30	12:40-13:30	ICS-1 CSL FA: Mesuring vital signs, wound care	Dr. Zehra Gültekin	ICS LAB.
13:40-14:30	14:40-15:30	Tricarboxylic acid cycle and hexose monophosphate shunt	Dr. Goncagül Haklar	IN CLASS
14:40-15:30	15:40-16:30	Tricarboxylic acid cycle and hexose monophosphate shunt	Dr. Goncagül Haklar	IN CLASS
15:40-16:30	16:40-17:30	Tricarboxylic acid cycle and hexose monophosphate shunt	Dr. Goncagül Haklar	IN CLASS
16:40-17:30	17:40-18:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS

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17:40-18:30	18:40-19:30	Atatürk's Principles and History of Modern Turkey	Dr. Devran Kaya	MS TEAMS
Wednesday		23 December		
08:40-09:30	09:40-10:30	Electron transport chain	Dr. Goncağül Haklar	IN CLASS
09:40-10:30	10:40-11:30	Electron transport chain	Dr. Goncağül Haklar	IN CLASS
10:40-11:30	11:40-12:30	Oxidative Phosphorylation	Dr. Goncağül Haklar	IN CLASS
11:40-12:30	12:40-13:30	Oxidative Phosphorylation	Dr. Goncağül Haklar	IN CLASS
13:40-14:30	14:40-15:30	PBL-2	Dr.Ergül Mutlu.Altundağ Dr.Özge Eker Inst.Golsa Sharifmoghadam Dr. Namık Kerküklü Dr. Kadir Çakirel	PBL ROOM
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Gluconeogenesis and glycogen metabolism-2	Dr. Ayşe Mine Yılmaz	IN CLASS
16:40-17:30	17:40-18:30	Gluconeogenesis and glycogen metabolism-2	Dr. Ayşe Mine Yılmaz	IN CLASS
Thursday		24 December		
08:40-09:30	09:40-10:30	ICS-1 SR-CS : Study population and Sample Size Calculation	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 SR-CS : Choosing appropriate Sampling method	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 SR-CS : Choosing appropriate Sampling method	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 SR-CS : Putting all together, Design of a Research study	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	ICS-1 SR-CS : Critics with groups (Gr1 & Gr2)	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 SR-CS : Critics with groups (Gr3 & Gr4)	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 SR-CS : Critics with groups (Gr5 & Gr6)	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 SR-CS : Critics with groups (Gr7 & Gr8)	Dr. İlke Akçay	IN CLASS
17:40-18:30	18:30-19:30	Tricarboxylic acid cycle and hexose monophosphate shunt	Dr. Goncağül Haklar	IN CLASS
Friday		25 December		

Last updated on 09 September, 2026

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08:40-09:30	09:40-10:30	CHRISTMAS DAY		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
		6th Week (28 December - 01 January 2026)		
Cyprus Local Time	Turkey Local Time			
Monday		28 December		
08:40-09:30	09:40-10:30	Turkish for Medical Students- I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students- I	TBA	IN CLASS
10:40-11:30	11:40-12:30	Turkish for Medical Students- I	TBA	IN CLASS
11:40-12:30	12:40-13:30	Turkish for Medical Students- I	TBA	IN CLASS
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdije Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Electives		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		29 December		
08:40-09:30	09:40-10:30	Biochemistry LAB: Electron Transport Chain - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
09:40-10:30	10:40-11:30	Biochemistry LAB: Electron Transport Chain - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	Biochemistry LAB: Electron Transport Chain - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
11:40-12:30	12:40-13:30	Biochemistry LAB: Electron Transport Chain - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.

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13:40-14:30	14:40-15:30	Biochemistry LAB: Electron Transport Chain - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
14:40-15:30	15:40-16:30	Biochemistry LAB: Electron Transport Chain - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	Biochemistry LAB: Electron Transport Chain - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	Biochemistry LAB: Electron Transport Chain - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
Wednesday		30 December		
08:40-09:30	09:40-10:30	Oxidation of lipids	Dr. Saime Batırel	IN CLASS
09:40-10:30	10:40-11:30	Oxidation of lipids	Dr. Saime Batırel	IN CLASS
10:40-11:30	11:40-12:30	Biosynthesis of lipids	Dr. Saime Batırel	IN CLASS
11:40-12:30	12:40-13:30	Biosynthesis of lipids	Dr. Saime Batırel	IN CLASS
13:40-14:30	14:40-15:30	PBL-3	Dr.Ergül Mutlu.Altundağ Dr.Özge Eker Inst.Golsa Sharifmoghadam Dr. Namık Kerküklü Dr. Kadir Çakırel	PBL ROOM
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Biosynthesis of lipids	Dr. Saime Batırel	IN CLASS
16:40-17:30	17:40-18:30	Biosynthesis of lipids	Dr. Saime Batırel	IN CLASS
Thursday		31 December		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		

Last updated on 09 September, 2026

"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."

Friday		01 January		
08:40-09:30	09:40-10:30	NEW YEAR HOLIDAY		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
		7th Week (04 January – 08 January 2026)		
Cyprus Local Time	Turkey Local Time			
Monday		04 January		
08:40-09:30	09:40-10:30	Turkish for Medical Students- I	TBA	IN CLASS
09:40-10:30	10:40-11:30	Turkish for Medical Students- I	TBA	IN CLASS
10:40-11:30	11:40-12:30	Turkish for Medical Students- I	TBA	IN CLASS
11:40-12:30	12:40-13:30	Turkish for Medical Students- I	TBA	IN CLASS
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Sevdıye Toker Inst. Afet Reşatoğlu	IN CLASS
14:40-15:30	15:40-16:30	Medical English (Gr 1 & Gr 2)		
15:40-16:30	16:40-17:30	Electives		IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		05 January		
08:40-09:30	09:40-10:30	ICS-1 SR-CS : Critics with groups (Gr9 & Gr10)	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 SR-CS : Critics with groups (Gr11 & Gr12)	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 SR-CS : Critics with groups (Gr13 & Gr14)	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 SR-CS : Critics with groups (Gr15 & Gr16)	Dr. İlke Akçay	IN CLASS

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13:40-14:30	14:40-15:30	Introduction to bioelectricity - I	Dr. Cevdet Nacar	IN CLASS
14:40-15:30	15:40-16:30	Introduction to bioelectricity - I	Dr. Cevdet Nacar	IN CLASS
15:40-16:30	16:40-17:30	Introduction to bioelectricity - II	Dr. Cevdet Nacar	IN CLASS
16:40-17:30	17:40-18:30	Introduction to bioelectricity - II	Dr. Cevdet Nacar	IN CLASS
17:40-18:30	18:40-19:30	Flow of energy in nature, first law of thermodynamics	Dr. Cevdet Nacar	IN CLASS
Wednesday		06 January		
08:40-09:30	09:40-10:30	Flow of energy in nature, first law of thermodynamics	Dr. Cevdet Nacar	IN CLASS
09:40-10:30	10:40-11:30	The second law of thermodynamics, entropy, free energy	Dr. Cevdet Nacar	IN CLASS
10:40-11:30	11:40-12:30	The second law of thermodynamics, entropy, free energy	Dr. Cevdet Nacar	IN CLASS
11:40-12:30	12:40-13:30	Free energy and thermodynamic properties of water	Dr. Cevdet Nacar	IN CLASS
13:40-14:30	14:40-15:30	PBL-4	Dr.Ergül Mutlu.Altundağ Dr.Özge Eker Inst.Golsa Sharifmoghadam Dr. Namık Kerküklü Dr. Kadir Çakirel	PBL ROOM
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		07 January		
08:40-09:30	09:40-10:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidiscipli nary Lab.
09:40-10:30	10:40-11:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidiscipli nary Lab.
10:40-11:30	11:40-12:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidiscipli nary Lab.

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11:40-12:30	12:40-13:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
13:40-14:30	14:40-15:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
14:40-15:30	15:40-16:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	Biochemistry LAB: Anaerobic Glycolysis - Group A	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
Friday		08 January		
08:40-09:30	09:40-10:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
09:40-10:30	10:40-11:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
11:40-12:30	12:40-13:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.
13:40-14:30	14:40-15:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplinary Lab.

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14:40-15:30	15:40-16:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplin ary Lab.
15:40-16:30	16:40-17:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplin ary Lab.
16:40-17:30	17:40-18:30	Biochemistry LAB: Anaerobic Glycolysis - Group B	Dr. Ergül Mutlu Altundağ Dr. Ayşe Mine Yılmaz	Multidisciplin ary Lab.
		8 th Week (11 January – 15 January 2026)		
Cyprus Local Time	Turkey Local Time			
Monday		11 January		
08:40-09:30	09:40-10:30	PRACTICAL EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
Tuesday		12 January		
08:40-09:30	09:40-10:30	PRACTICAL EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			

Last updated on 09 September, 2026

"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."

16:40-17:30	17:40-18:30			
Wednesday		13 January		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		

Thursday		14 January		
08:40-09:30	09:40-10:30	Y1C2 COMMITTEE EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			

Friday		15 January		
08:40-09:30	09:40-10:30			
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			

Last updated on 09 September, 2026

"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."

11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			