Kaohsiung Medical University

Printed by: 1017090 Curriculum and Credits Table, Academic Year 2026-2027 Print Date: 1151113

Department: Graduate Institute of Clinical Medicine, PhD Program (For students admitted in Academic Year 2026-2027)

No.	Academic Year	Course Code	Course Duration	Course Type	Total Credits	Course Track	Modular courses	Credits		Course Coordinator	New or Modified
								1st	2nd		
1	First Year	MTMD2	Full Academic Year	Required Courses	12	Academic	1 Foundational Courses	12	0	%	None
		thesis									
2	First Year	MSCB3	First Semester	Major Required Courses	2	Academic & Practical	1 Foundational Courses	2	0	945008 A-Mei Huang	None
		Advanced Molecular and Cellular Biology									
3	First Year	MSZAE	First Semester	Major Required Courses	1	Academic & Practical	1 Foundational Courses	1	0	1125006 MOI SIN HUA	None
		Seminar I（EMI）									
4	First Year	MSZB8	Second Semester	Major Required Courses	1	Academic & Practical	1 Foundational Courses	0	1	860102 Shu-Pin Huang	None
		Seminar II（EMI）									
5	First Year	MIMB1	First Semester	Major Required Courses	2	Academic & Practical	1 Foundational Courses	2	0	925015 Pei-Shan Ho	None
		Intermediate Topics in Biostatistics									
6	First Year	MPZE9	Second Semester	Major Required Courses	2	Practical	1 Foundational Courses	0	2	1050013 Chun-Hsiang Tan	None
		Practice and Application of Instrument									
7	First Year	MACA0	First Semester	Major Required Courses	1	Academic & Practical	1 Foundational Courses	1	0	945008 A-Mei Huang	None
		Academic research ethics									
8	First Year	MICT1	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	860077 Yi-Chang Liu	None
		Introduction of Clinical Trial									
9	First Year	MIMB7	First Semester	Major Required Courses	2	Academic	1 Foundational Courses	2	0	1075003 Fu-Wen Liang	None
		Advanced Topics in Biostatistics									
10	First Year	MACA6	First Semester	Major Required Courses	1	Academic	1 Foundational Courses	1	0	935041 Tusty-Jiuan HSIEH	None
		Academic Research Ethics (EMI)									
11	First Year	MSCBF	First Semester	Major Required Courses	2	Academic	1 Foundational Courses	2	0	945008 A-Mei Huang	None
		Advanced Molecular and Cellular Biology(EMI)									
12	First Year	MSCB3	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	1025022 Yu-Peng Liu	None
		Advanced Molecular and Cellular Biology									
13	First Year	MATM8	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	990323 Wang, Hui-Ching	None
		Translational Medicine: Integrative Practices from Basic Research to Clinical Application									
14	First Year	MSCBF	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	1050013 Chun-Hsiang Tan	None
		Advanced Molecular and Cellular Biology（EMI）									

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								1st	2nd		
15	First Year	MPZEA	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	1025022 Yu-Peng Liu	None
		Practice and Application of Instrument（EMI)									
16	First Year	MICT2	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	860077 Yi-Chang Liu	None
		Introduction of Clinical Trial(EMI)									
17	First Year	MATM9	Second Semester	Major Required Courses	2	Academic	1 Foundational Courses	0	2	990323 Wang, Hui-Ching	None
		Translational Medicine: Integrative Practices from Basic Research to Clinical Application(EMI)									
18	First Year	MIMB0	First Semester	Major Required Courses	2	Academic	1 Foundational Courses	2	0	1075003 Fu-Wen Liang	None
		Intermediate Topics on Biostatistics									
19	First Year	MAVB2	First Semester	Major Required Courses	2	Academic & Practical		2	0	1075003 Fu-Wen Liang	None
		Advanced Topics in Biostatistics									
20	First Year	MIBR0	Second Semester	Major Electives Courses	2	Academic & Practical	1 Foundational Courses	0	2	1025017 Mei-Ren Pan	None
		The Latest Medical News									
21	First Year	MOHP0	Second Semester	Major Electives Courses	2	Academic & Practical	1 Foundational Courses	0	2	960021 Ming-Tsang Wu	None
		Special Topics in Advanced Occupational Health and Safety Practice									
22	First Year	MATM6	First Semester	Major Electives Courses	2	Academic & Practical	4 Capstone Courses	2	0	1025017 Mei-Ren Pan	None
		Transdisciplinary application of translational medicine									
23	First Year	MANN1	First Semester	Major Electives Courses	3	Academic & Practical	4 Capstone Courses	3	0	955019 Wen-Hsien Ho	None
		Advance Artificial Neural Networks									
24	First Year	MAMP0	Second Semester	Major Electives Courses	3	Academic & Practical	1 Foundational Courses	0	3	925031 Wen-Lan WU	None
		Advanced Medical Computer Programming									
25	First Year	MAIM1	First Semester	Major Electives Courses	2	Academic	1 Foundational Courses	2	0	720071 Jeng-Hsien YEN	None
		Advanced Molecular Immunology									
26	First Year	MTIB8	First Semester	Major Electives Courses	3	Academic	1 Foundational Courses	3	0	1125006 MOI SIN HUA	None
		Advanced Bioinformatics Analysis and Practice（I)									
27	First Year	MATM2	First Semester	Major Electives Courses	3	Academic	1 Foundational Courses	3	0	945035 Chang-Shen Lin	None
		Translational Medicine									
28	First Year	MTIB9	Second Semester	Major Electives Courses	3	Academic	1 Foundational Courses	0	3	1125006 MOI SIN HUA	None
		Advanced Bioinformatics Analysis and Practice（II)									

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								1st	2nd		
29	First Year	MAIM9	Second Semester	Major Electives Courses	4	Academic	1 Foundational Courses	0	4	1035021 Wei-Chun Hung	None
		Special Topics in Advanced Immunology(EMI)									
30	First Year	MFIE8	Second Semester	Major Electives Courses	2	Academic	1 Foundational Courses	0	2	1035002 Shih, Chien-Ming	None
		Advanced Topics on Tropical Medicine(EMI)									
31	First Year	MFIE7	Second Semester	Major Electives Courses	1	Academic	1 Foundational Courses	0	1	1035002 Shih, Chien-Ming	None
		Research Trends of Tropical Medicine(2) (EMI)									
32	First Year	MANT3	Second Semester	Major Electives Courses	2	Academic	1 Foundational Courses	0	2	935041 Tusty-Jiuan HSIEH	None
		Innovative Research on Animal Models of Human Diseases (EMI)									
33	First Year	MSHD2	Second Semester	Major Electives Courses	3	Academic	1 Foundational Courses	0	3	1085003 Shih Yao Hsiang	None
		Special topics in human anatomy (EN)(EMI)									
34	First Year	MAWE1	Second Semester	Major Electives Courses	2	Academic	1 Foundational Courses	0	2	990323 Wang, Hui-Ching	None
		Practical Academic English Communication for Medical Scholars: Training in Presentation and Writing Skills（EMI）									
35	First Year	MBOT7	Second Semester	Major Electives Courses	2	Academic	1 Foundational Courses	0	2	935027 Jau-Ling SUEN	None
		Application of Biotechnology in Research(EMI）									
36	First Year	MADY3	First Semester	Major Electives Courses	2	Academic & Practical	1 Foundational Courses	2	0	1145101 Liu, Chia-Hsin	New
		Introduction to Data Analysis in Biomedical data: R-language									

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								1st	2nd		
1	Second Year	MSZA3	First Semester	Major Required Courses	1	Academic & Practical	1 Foundational Courses	1	0	860102 Shu-Pin Huang	None
		Seminar III（EMI）									
2	Second Year	MSZB9	Second Semester	Major Required Courses	1	Academic & Practical	1 Foundational Courses	0	1	1050013 Chun-Hsiang Tan	None
		Seminar IV（EMI）									

Total Credits Offered								
Required Courses	Major Required Courses	Elective Courses	Major Electives Courses	General Education Elective Courses	General Education Required Courses	General Micro-Credit Courses	General Education Micro-Credit Courses	Total
12	34		41					87

Credits Required for Graduation									
Required Courses	Major Required Courses	Elective Courses	Major Electives Courses	General Education Elective Courses	General Education Required Courses	General Micro-Credit Courses	General Education Micro-Credit Courses	Total	Interdisciplinary Credits
12	17	0	8	0	0			37	
English Proficiency	**English Proficiency: CEFR B2**								

Notes:

Graduation Requirements

I. Graduation Credit Requirements

1. The total number of credits required for graduation is 37 credits, including 12 credits for the doctoral dissertation. Students must complete at least 25 coursework credits, excluding the 12 dissertation credits, to qualify for graduation. At least two elective courses must be selected from courses offered by the various departments and institutes of the College of Medicine.

2. For students admitted to the doctoral program through the equivalent academic qualification admission route, credit requirements shall be determined in accordance with the University's Academic Regulations.

II. Eligibility Requirements for Applying for the Doctoral Degree Examination

Doctoral students of the Graduate Institute of Clinical Medicine must meet the following requirements to apply for the doctoral degree examination:

1. The initial draft of the doctoral dissertation must be reviewed and approved by the student's dissertation advisor.

2. Before graduation, students must submit two original research journal articles. Both articles must have been completed during the period of enrollment in the doctoral program and must constitute part of the doctoral dissertation. In addition, the articles must meet one of the following criteria:

For students admitted in or after Academic Year 2022:

(1) Both articles must be published in SCI-indexed journals (or have official acceptance letters), with the student serving as the sole first author of each article. Each journal must have an Impact Factor (I.F.) of 2.0 or above, or rank within the top 30% (inclusive) of its relevant subject category.

(2) One article must be published in an SCI-indexed journal with an Impact Factor (I.F.) of 5.0 or above, with the student serving as the sole first author. The other article must be published in any SCI-indexed journal, with the student also serving as the sole first author.

3. Students who intend to graduate within three years (subject to the University's minimum and maximum study period regulations) must have at least one published article in a journal with an Impact Factor (I.F.) of 6.0 or above. For students admitted in or after Academic Year 2022, at least one article must be published in a journal with an Impact Factor (I.F.) of 8.0 or above, with the student serving as the sole first author.

4. The Graduate Institute of Clinical Medicine must be listed as the first institutional affiliation in the published articles.

5. Original research articles submitted to fulfill the eligibility requirements for the doctoral degree examination must not be primarily based on secondary databases (e.g., the National Health Insurance Research Database or meta-analyses not involving individual-level data).

6. For graduation credit recognition, students may receive credits for either an EMI course or its corresponding Chinese-taught course, but not both.

III. English Proficiency Requirement

Before applying for the doctoral degree examination, doctoral students must meet the English proficiency requirement established by the Institute.

Students must demonstrate English proficiency at CEFR B2 level in all four skills (listening, speaking, reading, and writing), or pass an equivalent recognized English proficiency test.

For details regarding the applicable English proficiency tests and their corresponding CEFR levels, please refer to the University's English Proficiency Test Equivalency Table (applicable to students admitted in Academic Year 2024) on the Office of Academic Affairs website:

Website Path: Office of Academic Affairs → Registration and Curriculum Section → English Proficiency Graduation Requirements.

Students who have not met the English proficiency requirement must complete the supplementary English courses in accordance with University regulations.

IV. Maximum Course Load per Semester

Students may register for a maximum of 15 credits per semester.

V. Academic Research Ethics Requirement

Graduate students admitted in or after Academic Year 2017 must complete the self-learning courses and pass the overall assessment on the Taiwan Academic Ethics Education Resource Center website during their first semester of enrollment. A certificate of completion must be obtained before applying for the doctoral degree examination.

VI. EMI Course Credit Recognition

For graduation credit recognition, students may receive credits for either an EMI (English as a Medium of Instruction) course or its corresponding Chinese-taught course, but not both.

Department Chair Signature: Dean Signature: