

# 2025 Course List for PhD Program in Pharmacy

## 【First Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor	
				Fall	Spring		
MSZA1	Seminar (1)	R	1	1		Hsieh, Kan-Yen	
MLAC8	Advanced Life Pharmacy and Academic Ethics	R	2		2	Dean	
MSZA2	Seminar (2)	R	1		1	Hsieh, Kan-Yen	
MBMD2	Advanced Life Pharmacy and Academic Ethics (EMI)	R	2		2	Lai, Leanne	
<b>Total Credits of Required Subjects</b>			<b>6</b>	<b>1</b>	<b>5</b>		
MPPA2	Academic and Practical Courses	Special Topics on Advanced Pharmaceutics	E	2	2	Wu, Pao-Chu	
MPAA0		Special Topics on Advanced Pharmaceutical Analysis (1)	E	2	2	Wang, Chun-Chi	
MPTT1		Special Topics on Advanced Pharmacotherapeutics(1)	E	2	2	Huang, Yaw-Bin	
MACE0		Special Topics on Advanced Clinical Pharmacognosy	E	2	2	Lin, Chien-Ju	
MATA1		Special Topics on Advanced Toxicology	E	2		2	Doctoral Degree Program in Toxicology
MAVB1		Advanced Topics in Biostatistics	E	3	3	Chen, Chung-Yu	
MPCB1		Special Topics on Advanced Natural Product Chemistry (1)	E	2	2	Chang, Hsun-Shuo	
MEPA1		Special Topics on Advanced Identification and Evaluation of Herbal Medicine (1)	E	2	2	Lin, Chien-Ju	
MPAB1		Special Topics on Advanced Pharmaceutical Analysis (2)	E	2		2	Wang, Chun-Chi
MPTT2		Special Topics on Advanced Pharmacotherapeutics(2)	E	2		2	Huang, Yaw-Bin
MPCB2		Special Topics on Advanced Natural Product Chemistry (2)	E	2		2	Chang, Hsun-Shuo

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor	
				Fall	Spring		
MEPA2	Academic and Practical Courses	Special Topics on Advanced Identification and Evaluation of Herbal Medicine (2)	E	2		2	Lin, Chien-Ju
MSSA2		Special Topics on Clinical Pharmacokinetics	E	2	2		Yu-Chang Chen
MSSA3		Advanced Topics on Medicinal Botany(2)	E	2		2	Yu-Chang Chen
MFTB6		Advanced Laboratory Trainings(1)(EMI)	E	2	2		Ko, Horng-Huey
MSPC7		Advanced Laboratory Trainings(2)(EN)	E	2		2	Ko, Horng-Huey
MHSR2		Special Topics on Advanced Data	E	2		2	Chen, Chung-Yu
MKAH6	Academic Courses	Special Topics on Advanced Pharmacogenomics	E	2	2		Wang, Chun-Chi
<b>Total Credits of Elective Subjects</b>			<b>37</b>	<b>21</b>	<b>16</b>		

# 2025 Course List for PhD Program in Pharmacy

## 【Second Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credits	Semester		Instructor
				Fall	Spring	
MSZA3	Academic and Practical Courses	Seminar (3)	R	1	1	Tseng, Hui-Ju
MDST0		Dissertation	R	12	12	
MSZA4		Seminar (4)	R	1	1	Hsieh, Kan-Yen
<b>Total Credits of Required Subjects</b>			<b>14</b>	<b>1</b>	<b>13</b>	

### Remarks:

The requirement for graduation:

1. Students are required to complete **30** credits, including **12** credits of Dissertation. Credits not included in the prescribed curriculum are recognized up to maximum of **4** credits, which must be approved by the advisor, director of PhD Program in Pharmacy and Chair.
2. Students are allowed to take maximum of **18** credits per semester.
3. Students must complete at least **4** credits of EMI courses to graduate.
4. The threshold for elective courses is minimum of **3** students. Courses offered in the following year are not subject to this requirement.
5. The minimum English proficiency requirement for graduation is to reach CEFR B1 level in both listening and reading, or to participate in the supporting measures prescribed by School.
6. Students who have not taken the Special Topics on Research Methodology course during their master's program must make up for it in the master's program, and this course will not be counted towards graduation credits.
7. Every student must study for at least **6** hours on 'Center for Taiwan Academic Research Ethics Education' website during the first semester and pass the exam to obtain the certificate. Then students will be able to apply for the graduation examination.
8. The regulations for the originality check report of the thesis for applying for the graduation examination are as follows:
  - (1) Students must fill in the "Thesis Originality Check Report" field in the Student Information Service System (D.1.42) with the originality check result. The similarity rate of the thesis (excluding references, and with any special exclusions clearly stated) must be below 20%.
  - (2) Please provide a copy of the first page of the thesis originality check report, including the signatures of the student and advisor.
  - (3) Link to "Turnitin": <https://olis.kmu.edu.tw/index.php/zh-TW/library-services/electronic-library-catalog/turnitin>
9. Students admitted in the 2023 Academic Year and beyond must first pass the qualification assessment before applying for the dissertation examination. Published journal articles must be part of the doctoral dissertation. The principal advisor must be the corresponding author, the co-advisor must be the co-author, and the doctoral student must be the sole first author. The journal article must also meet one of the following requirements:
  - (1) 1 original research paper: Published in SCIE/SSCI/EI, and the journal has an I.F. of 10.0 or above, or the journal ranks within the top 5% in the relevant field.
  - (2) 2 original research papers: Both published in SCIE/SSCI/EI, and the journals have I.F. of 3.0 or above, or ranked within the top 30% in the relevant field.
  - (3) 2 original research papers: Both published in SCIE/SSCI/EI, and one of which has an I.F. of 5.0 or above.
  - (4) 3 original research papers: Published in SCIE/SSCI/EI or granted patents. The total sum of the journals' I.F. should be 5.0 or above. One granted patent can be counted, but it does not contribute to the I.F. score, and the inventor(s) of the patent must include the name of the main advisor.
  - (5) 4 original research papers: Published in SCIE/SSCI/EI. 1 of papers must be published in a journal ranked within the top 50% in the relevant field. This requirement applies only to graduate students who have completed at least 6 years of study.
  - (6) Students who publish original research papers on meta-analysis must meet one of the following requirements:

- A. 1 original research paper and 1 meta-analysis original research paper: 1 original research paper published in SCIE/SSCI/EI, with an I.F. of 3.0 or above, or ranked within the top 30% in the relevant field. 1 meta-analysis original research paper published in SCIE/SSCI/EI, and ranked within the top 30% in the relevant field.
- B. 2 meta-analysis original research papers: Both published in SCIE/SSCI/EI, and ranked within the top 30% in the relevant field.

◆ The original research papers presented as graduation requirements must meet the following requirements:

- A. Research results must be completed after admission to KMU. (Including laboratory work.)
- B. The papers must be published under the name of School of Pharmacy, Kaohsiung Medical University.
- C. The first author means a single first author, and the advisor must be the corresponding author.
- D. The published original papers must be recorded on KMU information service system. Students must attach the certificate for the graduation examination.
- E. The I.F. of the journal where the papers published should be based on the Journal Citation Reports (JCR) published in the same year or the previous year. The JCR ranking should be attached when applying for the graduation examination.
- F. The papers submitted by students do "not" include review, brief reports, brief communication, case reports, letters to the editor, comments, proceedings, or supplements. However, reviews, brief reports, brief communication, case reports, letters to the editor with the first author published in a journal with an I.F. of 10.0 or higher in SCI can be submitted for graduation examination application with special approval.

10. Students in dual-degree program must follow the provisions outlined in the contract.

**The Chinese version shall prevail in case of any discrepancy or inconsistency between the Chinese version and the English one.**