

109 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		Lin, Hong-Liang
MLAC8	Advanced Life Pharmacy and Academic Ethics	R	2		2	Dean
MSZA2	Seminar (2)	R	1		1	Lin, Hong-Liang
MLAC9	Advanced Life Pharmacy and Academic Ethics (EN)	R	2		2	Dean
<b>Total Credits of Required Subjects</b>			<b>6</b>	<b>1</b>	<b>5</b>	
MPPA1	Special Topics on Advanced Pharmaceutics (1)	E	2	2		Wu, Pao-Chu
MMMA1	Special Topics on Advanced Medicinal Chemistry (1)	E	2	2		Tseng, Chih-Hua
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		Yen, Ming-Hong
MATA1	Special Topics on Advanced Toxicology	E	2	2		Doctoral Degree Program in Toxicology
MHSR2	Special Topics on Advanced Data Management of Medical Data-Base	E	2	2		Yang, Yi-Hsin
MKAH6	Special Topics on Advanced Pharmacogenomics	E	2	2		Wang, Chun-Chi
MAVB1	Advanced Topics on Biostatistics	E	3	3		General curriculum
MSTA0	Special Topics on Advanced Pharmacognosy (1)	E	2	2		Graduate Institute of Natural Products
MPCB1	Special Topics on Advanced Natural Product Chemistry (1)	E	2	2		Graduate Institute of Natural Products
MEPA1	Special Topics on Advanced Identification and Evaluation of Herbal Medicine (1)	E	2	2		Graduate Institute of Natural Products
MMMB1	Special Topics on Advanced Medicinal Chemistry (2)	E	2		2	Tseng, Chih-Hua
MPAB1	Special Topics on Advanced Pharmaceutical Analysis (2)	E	2		2	Wang, Chun-Chi
MAIA2	Special Topics on Advanced Industrial Pharmacy (2)	E	2		2	Lin, Hong-Liang
MPTT2	Special Topics on Advanced Pharmacotherapeutics (2)	E	2		2	Huang, Yaw-Bin
MCPR2	Special Topics on Advanced Chiral Pharmaceuticals	E	2		2	Wu, Shih-Sheng
MPCB2	Special Topics on Advanced Natural Product Chemistry (2)	E	2		2	Graduate Institute of Natural Products
MPMB2	Special Topics on Advanced Pharmacognosy (2)	E	2		2	Graduate Institute of Natural Products

MEPA2	Special Topics on Advanced Identification and Evaluation of Herbal Medicine (2)	E	2		2	Graduate Institute of Natural Products
MSPF4	Special Topics on Advanced Proteomics	E	2		2	Chiou, Shean-Jaw
MSSA2	Advanced Topics on Medicinal Botany (1)	E	2	2		Chen, Yu-Chang
MSSA3	Advanced Topics on Medicinal Botany (2)	E	2		2	Chen, Yu-Chang
MSMS1	Special Topics on Advanced Pharmaceutical Science (EN)	E	2	2		Wu, Pao-Chu
<b>Total Credits of Elective Subjects</b>			49	29	20	

109 Course List for PhD Program in Pharmacy  
【Second Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester/Credit		Instructor
				Fall	Spring	
MSZA3	Seminar (3)	R	1	1		Lin, Hong-Liang
	Dissertation	R	12		12	
MSZA4	Seminar (4)	R	1		1	Lin, Hong-Liang
<b>Total Credits of Required Subjects</b>			14	1	13	
MIPP1	Special Topics on Industrial Pharmacy Practice		2	2		Lin, Hong-Liang
<b>Total Credits of Elective Subjects</b>			2	2		

**Remarks:**

The requirement for graduation:

1. Students must complete 30 credits, including 12 credits of Dissertation. Credits not included in the syllabus are only recognized for six credits, which must be approved by the advisor and the chair.
2. The maximum limit for the doctoral student to select courses are 18 credits hours per semester.
3. At least pass one of the below English qualification:

\*Students are required to enroll in the 'English Courses' and pass in the Center for Languages and Culture (KMU), if students failed to produce any of the above English proficiency tests.

CEF Index	TOEFL			IELTS	GEPT	TOEIC	CSEPT Second Level	Cambridge Main Suite	BULATS
	PBT (ITP)	CBT	IBT						
B1 Threshold	500	193	68	5.5	High-Intermediate	600	240	PET	ALTE Level 2

4.Foreign student must select one of the classes, “Advanced Life Pharmacy and Academic Ethics” or “Advanced Life Pharmacy and Academic Ethics (EN).”

5.Every student must enroll in self-learning at least for 6 hours, finish the exam held by the ‘Center for Taiwan Academic Research,’ and get the certificate in the first semester.