

Course List for Doctoral Program in Pharmacy  
【First Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor
				Fall	Spring	
MSZA1 MSZA2	Seminar (1) (2)	R	2	1	1	Kou, Hwang-Shang
MPAC7	Special Topics on Advanced Life Pharmacy	R	3		3	Wu, Shou-Mei
<b>Total Credits of Required Subjects</b>			<b>5</b>	<b>1</b>	<b>4</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		Chung, Mei-Ing
MPAA0	Special Topics on Advanced Pharmaceutical Analysis (1)	E	2	2		Wu, Shou-Mei
MORA1	Special Topics on Advanced Organic Reactions (1)	E	2	2		Yang, Shyh-Chyun
MPDA1	Special Topics on Advanced Medicinal Chemistry(1)	E	2	2		Chung, Mei-Ing
MAIA1	Special Topics on Advanced Industrial Pharmacy(1)	E	2	2		Tsai, Tong-Rong
DAHCO	Special Topics on Advanced Heterocyclic Chemistry(1)	E	2	2		Yang, Shyh-Chyun
MPTS2	Special Topics on Advanced Pharmacotherapeutics (Including Internship)(1)	E	2	2		Huang, Yaw-Bin
MAPG1	Special Topics on Clinical Pharmacokinetics and Pharmacodynamics	E	2	2		Huang, Yaw-Bin
MACE0	Special Topics on Advanced Clinical Pharmacognosy	E	2	2		Lin, Chun-Ching
MATA1	Special Topics on Advanced Toxicology	E	2	2		Li, Jih-Heng
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		Wu, Shou-Mei
MBSS1	Special Topics on Advanced Biostatistics	E	3	3		Yang, Yi-Hsin
MSTA0	Special Topics on Advanced Pharmacognosy (1)	E	2	2		Graduate Institute of Natural Products
MNPA0	Special Topics on Advanced Natural Product Chemistry (1)	E	2	2		Graduate Institute of Natural Products
MEPA0	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	Chung, Mei-Ing
MORA2	Special Topics on Advanced Organic Reactions (2)	E	2		2	Yang, Shyh-Chyun
MPAB1	Special Topics on Advanced Pharmaceutical Analysis (2)	E	2		2	Wu, Shou-Mei
MPPB1	Special Topics on Advanced Pharmaceutics (2)	E	2		2	Wu, Pao-Chu

MPDA2	Special Topics on Advanced Medicinal Chemistry(2)	E	2		2	Chung, Mei-Ing
MAIA2	Special Topics on Advanced Industrial Pharmacy(2)	E	2		2	Tsai, Tong-Rong
MSHC6	Special Topics on Advanced Heterocyclic Chemistry(2)	E	2		2	Yang, Shyh-Chyun
MPTS3	Special Topics on Advanced Pharmacotherapeutics (Including Internship)(2)	E	2		2	Huang, Yaw-Bin
MCPR2	Special Topics on Advanced Chiral Pharmaceuticals	E	2		2	Wu, Shih-Sheng
MNPB0	Special Topics on Advanced Natural Product Chemistry (2)	E	2		2	Graduate Institute of Natural Products
MSTA1	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
MMPC4	Special Topics on Advanced Pharmacoeconomics	E	2		2	Tarn, Yen-Huei
MTDM1	Special Topics on Advanced Metabolomics	E	2		2	Chang, Kee-Lung
MSPF4	Special Topics on Advanced Proteomics	E	2		2	Chiou, Shean-Jaw
<b>Total Credits of Elective Subjects</b>			<b>65</b>	<b>35</b>	<b>30</b>	

Course List for PHD Program in Pharmacy  
【Second Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester/ Credit		Instructor
				Fall	Spring	
MSZA3 MSZA4	Seminar (3) (4)	R	2	1	1	Kou, Hwang-Shang
	Dissertation	R	12			Advisor
<b>Total Credits of Required Subjects</b>			<b>14</b>	<b>1</b>	<b>1</b>	
	Special Topics on Industrial Pharmacy Practice	E	2	2		Wu, Yu-Tse
<b>Total Credits of Elective Subjects</b>			<b>2</b>	<b>2</b>		

**Remarks:**

Requirement for graduation:

1. Students must complete 30 credits, including 12 credits of Dissertation.
2. At least pass one of the below English qualification:

CEF Index	TOEFL			IELTS	GEPT	TOEIC	CSEPT 第二級	Cambridge Main Suite	BULATS
	PBT (IPT)	CBT	IBT						
B1 Threshold	500	193	68	5.5	High-Intermediate	600	240	PET	ALTE Level 2