

# Course List for Master's Program in Pharmacy

## 【First Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor	
				Fall	Spring		
MIAC0	Special Topics on Instrumental Analysis	R	3	3		Wang, Chun-Chi	
MFUB0	Special Topics on Instrumental Analysis (B) (English)	R	3	3		Wang, Chun-Chi	
	Fundamental Topics on Biostatistics	R	2	2		Yang, Chun-Yuh	
	Fundamental Topics on Biostatistics(B)(English)	R	2	2		Graduate Institute of Medicine	
MMOP3	Special Topics on Research Methodology	R	2	2		Wu, Pao-Chu	
	Special Topics on Research Methodology (B) (English)	R	2	2		Wu, Pao-Chu	
MSZA1 MSZA2	Seminar (1) (2)	R	2	1	1	Lin, Shun-Jin	
MSTP2	Life Pharmacy and Academic Ethics	R	2		2	Dean	
	Life Pharmacy and Academic Ethics(B)(English)	R	2		2	Dean	
<b>Total Credits of Required Subjects</b>			<b>11</b>	<b>8</b>	<b>3</b>		
MSQA1	Practical Courses	Special Topics on Pharmaceutics(1)	E	2	2	Wu, Pao-Chu	
MPNA1		Special Topics on Pharmaceutical Analysis (1)	E	2	2	Kou, Hwang-Shang	
		Special Topics on Pharmaceutical Analysis (1) (B)(English)	E	2	2	Kou, Hwang-Shang	
STSM3		Special Topics on Pharmaceutical Marketing Management (1)	E	2	2	Wu, Pao-Chu	
MMPC3		Special Topics on Pharmacoeconomics	E	2	2	Tarn, Yen-Huei	
MSDD1		Special Topics on Solid Dosage Form	E	2		2	Wu, Yu-Tse
MPOM4		Special Topics on Verification and Validation of Pharmaceutical Manufacturing	E	2		2	Wu, Yu-Tse
STSM4		Special Topics on Pharmaceutical Marketing Management (2)	E	2		2	Wu, Pao-Chu
MSQA2		Special Topics on Pharmaceutics(2)	E	2		2	Wu, Pao-Chu
MPNB1		Special Topics on Pharmaceutical Analysis (2)	E	2		2	Kou, Hwang-Shang
		Special Topics on Pharmaceutical Analysis (2) (B) (English)	E	2		2	Kou, Hwang-Shang
MACY2		Special Topics on Pharmacotherapeutics(1)	E	2	2		Master program in Clinical Pharmacy
MSQA1		Special Topics on Medicinal Chemistry (1)	E	2	2		Chung, Mei-Ing
		Special Topics on Medicinal Chemistry (1) (B)(English)	E	2	2		Chung, Mei-Ing
MAOC2	Academic Courses	Special Topics on Organic Chemistry (1)	E	2	2	Yang, Shyh-Chyun	
MEMM1		Special Topics on Identification Evaluation of Herbal Medicine	E	2	2	Graduate Institute of Natural Products	
MCPR1		Special Topics on Chiral Pharmaceutical Sciences	E	2	2	Wu, Shih-Sheng	
ATOX3		Special Topics on Toxicology	E	2	2	<b>Master program in Toxicology</b>	
MACY3		Special Topics on Pharmacotherapeutics (2)	E	4		4	Master program in Clinical Pharmacy
MCHN0		Special Topics on Organic Chemistry (2)	E	2		2	Yang, Shyh-Chyun

MSQA2		Special Topics on Medicinal Chemistry (2)	E	2		2	Chung, Mei-Ing
		Special Topics on Medicinal Chemistry (2)(B)(English)	E	2		2	Chung, Mei-Ing
MNPD1		Special Topics on Natural Product Chemistry(1)(2)	E	4	2	2	Graduate Institute of Natural Products
		Special Topics on Pharmaceutical Botany (Including Lab.) (1)(2)	E	4	2	2	Graduate Institute of Natural Products
	General Courses	Role-Model Learning Program	E	1	1		Wu, Pao-Chu
MTOL9		Special Topics on Pharmacology and Toxicological Database(Including Practice)	E	3	3		<b>Master program in Toxicology</b>
MTOL5		Biotechnology Techniques in Pharmacology and Toxicology	E	2	2		<b>Master program in Toxicology</b>
MHSR1		Special Topics on Data Management of Medical Data-Base	E	2	2		Yang, Yi-Hsin
MHRM2		Special Topics on Pharmaceutical Human Resource Management	E	1	1		Chen, Kuan-Nien
MPFJ1		Practice in Fundamental Biostatistics	E	1	1		Ho, Pei-Shan
		Practice in Fundamental Biostatistics(B)(English)	E	1		1	Ho, Pei-Shan
MENH4		Academic English	E	2	1	1	Master program in Clinical Pharmacy
MPHK4		Special Topics on Clinical Pharmacokinetics	E	2	2		Huang, Yaw-Bin
MIMB1		Special Topics on Intermediate Biostatistics	E	2		2	Yang, Yi-Hsin
		Special Topics on Intermediate Biostatistics(B)(English)	E	2		2	Yang, Yi-Hsin
MPIJ1		Practice in Intermediate Biostatistics	E	1		1	Ho, Pei-Shan
MTOL7		Application of Animal Models in Pharmacologic and Toxicological Research(Including Lab.)	E	2		2	<b>Master program in Toxicology</b>
MSWT1		Scientific Writing	E	2		2	Master program in Clinical Pharmacy
		Scientific Writing(B)(English)	E	2		2	Master program in Clinical Pharmacy
MPBB1		Special Topics on Pharmacognosy(1)(2)	E	4	2	2	Graduate Institute of Natural Products
<b>Total Credits of Elective Subjects</b>				<b>68</b>	<b>38</b>	<b>30</b>	

## Course List for Master's Program in Pharmacy

### 【Second Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor
				Fall	Spring	
MSZA3	Seminar (3)	R	1	1		Kou, Hwang-Shang
	Thesis	R	6		6	Advisor
<b>Total Credits of Required Subjects</b>			7	1	6	
	Practical Courses					
	Industrial Pharmacy Practice	E	2	2		Wu, Yu-Tse
<b>Total Credits of Elective Subjects</b>			2	2		

#### Remarks:

Requirement for graduation:

1. Students must complete 32 credits, including 6 credits of thesis.
2. At least complete one of practical or academic modules including 6 credits in each course.
3. 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	173	61	4.5	Medium	600	240	PET	ALTE Level 2