

**Course List for Undergraduate Program in Pharmacy
【First Year】**

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor
				Fall	Spring	
ACAI7	Application of Computer and Information Science	R	0	v		Tung, Chun-Wei
ARAW	English Reading and Writing	R	4	2	2	The center for languages and culture
ALAS	English Listening and Speaking	R	2	1	1	The center for languages and culture
AITU0	Introduction to University	R	P/F	v		Wu, Pao-Chu
AASN3	Service Learning	R	P/F		v	Gan, Kim-Hong
	Physical Education	R	0	v	v	Physical education center
AIPC0	Introduction to Pharmacy	R	1	1		Wu, Pao-Chu
AGCH3	General Chemistry (1)	R	2	2		Wu, Shih-Sheng
ACAL0	Calculus (1)	R	2	2		The center for fundamental science
APBO	Medicinal Botany	R	2	2		Chen, Yu-Chang
AANA7	Anatomy	R	1	1		Wang, Chia-Chi
AGBI1	General Biology (1) (2)	R	4	2	2	Department of Biotechnology
APHY9	Physiology (A) (1) (2)	R	4	2	2	Hsu, Chin
ABSL0	Chemistry related Laboratory (General/Analytical/Organic Chemistry)	R	1	1		Wen, Yen-Hsia
AOCH5 AOCH6	Organic Chemistry (1)(2)	R	4	2	2	Yang, Shyh-Chyun
AACH2	Analytical Chemistry	R	2		2	Lin, Shun-Jin
ABCD0	Basic Concept of Chinese Crude Drug	R	1		1	Lin, Chien-Ju
APCG4	Pharmacognosy (1)	R	2		2	Chang, Hsun-Shuo
APPH0	Physical Pharmacy	R	3		3	Wu, Yu-Tse
ACPP4	Life Planning in Department of Pharmacy	R	1		1	Wu, Pao-Chu
Total Credits of Required Subjects			36	18	18	
AGPH2	General Physics	E	3	3		The center for fundamental science
AJAP0	Japanese	E	4	2	2	The center for languages and culture
AGER8	German	E	4	2	2	The center for languages and culture
00033	Military Training (1)	E	2	1	1	Military Office
ACAL1	Calculus (2)	E	2		2	The center for fundamental science
AGBL0	General Biology Laboratory	E	1		1	Fu, Yaw-Syan
APBL1	Medicinal Botany Laboratory	E	1		1	Chen, Yu-Chang
AGCH7	General Chemistry (2)	E	1		1	Wu, Shih-Sheng
APHL2	Physiology Laboratory	E	2		2	Wang, Chau-Zen
Total Credits of Elective Subjects			20	8	12	

Course List for Undergraduate Program in Pharmacy
【Second Year】

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor
				Fall	Spring	
ACHI	Chinese	R	4	2	2	The center for languages and culture
	Physical Education	R	0	v	v	Physical Education Center
ABCL0	Biochemistry Laboratory	R	2	2		Hour, Tzyh-Chyuan
APCG5	Pharmacognosy (2)	R	2	2		Chang, Hsun-Shuo
APGL1	Pharmacognosy Laboratory	R	1	1		Chang, Hsun-Shuo
AHBY1	Herbology	R	2	2		Yen, Ming-Hong
ABIB2	Biochemistry (Including Molecular Biology) (1) (2)	R	4	2	2	Hour, Tzyh-Chyuan
APAN3 APAN4	Pharmaceutical Analysis (1) (2)	R	4	2	2	Wang, Chun-Chi
APME6 APME3	Medicinal Chemistry (1) (2)	R	5	3	2	Chung, Mei-Ing
APHA1	Pharmacology (1) (2)	R	4	2	2	Department of Pharmacology
APMA3 APMA4	Pharmaceutics (1)(2)	R	4	2	2	Wu, Pao-Chu
APAT1	Pathology	R	2		2	Department of Medical Pathology
APCL1	Pharmacology Laboratory	R	1		1	Department of Pharmacology
APLA1	Pharmaceutical Analysis Laboratory	R	1		1	Kou, Hwang-Shang
APML1	Pharmaceutics Laboratory	R	1		1	Fang, Yi-Ping
Total Credits of Required Subjects			37	20	17	
ADSG1	Drug Safety in Geriatrics	E	2	2		Lin, Shun-Jin
APFE4	Professional English	E	2	2		Lin, Ying-Chi
ASPL0	Searching for Pharmacy Literature	E	1	1		Wu, Yu-Tse
AOCH7	Organic Chemistry (3)	E	2	2		Yang, Shyh-Chyun
00033	Military Training (2)	E	2	1	1	Military Office
ASPW/ ASPW0	Research Training (1) (2)	E	4	2	2	Gan, Kim-Hong
Total Credits of Elective Subjects			13	10	3	

**Course List for Undergraduate Program in Pharmacy
【Third Year】**

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor
				Fall	Spring	
AMIM1	Microbiology and Immunology	R	3	3		Chang, Lin Li
AMBL0	Microbiology and Immunology Laboratory	R	1	1		Chang, Lin Li
	Biologics	R	2	2		Lin, Ying-Chi
ABPC3	Biopharmaceutics	R	3	3		Huang, Yaw-Bin
APRD3	Clinical Pharmacognosy (Including Lab.)	R	3	3		Lin, Chien-Ju
AACR4	Chinese Pharmacognosy	R	2	2		Lin, Chien-Ju
APMF3	Medicinal Chemistry Laboratory	R	1	1		Gan, Kim-Hong
APCP0	Pharmacotherapeutics (1)(2)	R	4	2	2	Hsieh, Kun-Pin
APPI0	Non-Prescription Drugs	R	2		2	Wu, Shih-Sheng
ACLI0	Clinical Pharmacokinetics	R	2		2	Huang, Yaw-Bin
ADPH2	Dispensing Pharmacy (1)	R	2		2	Wu, Yu-Tse
APCD1	Manufacturing Pharmacognosy (Including Lab.)	R	3		3	Yen, Ming-Hong
AIPH0	Introduction to Public Health	R	2		2	Li, Jih-Heng
	Biostatistics	R	2		2	Lin, Shun-Jin
Total Credits of Required Subjects			32	17	15	
AIPL2	Industrial Pharmacy	E	1	1		Lin, Hong-Liang
AIPL3	Industrial Pharmacy Laboratory	E	1	1		Lin, Hong-Liang
ADRU0	Drug Design	E	2	2		Tseng, Chih-Hua
APPR1	Pharmacy Practice (A)	E	2	2		Wen, Yen-Hsia
APPR2	Pharmacy Practice (B)	E	4	4		Wen, Yen-Hsia
MGMP1	Pharmacogenomics	E	2	2		Hsieh, Kun-Pin
APDF	Pharmaceutical Dosage Forms	E	2	2		Wu, Yu-Tse
ACOC0	Cosmetic Chemistry	E	2	2		Wang, Chun-Chi
ASPW6 ASPW7	Research Training (3)(4)	E	4	2	2	Gan, Kim-Hong
ADVH0	Development and Validation of Health Food	E	2		2	Lin, Hong-Liang
ADRV	Drug Verification	E	2		2	Wu, Yu-Tse
AMIC	Pharmacoeconomics	E	2		2	Tarn, Yen-Huei
ANPC0	Natural Product Chemistry	E	2		2	Chen, Yu-Chang
ATOX0	Toxicology	E	2		2	Wang, Chun-Chi
AMCP	Medicinal Chemistry and Clinical Application	E	1		1	Tseng, Chih-Hua
AIPC2	Introduction to Pharmaceutical Care	E	2		2	Tarn, Yen-Huei
APAR2	Parasitology	E	1		1	Lin, Rong-Jyh
APMN0	Special Lectures in Pharmaceutical Marketing and Management	E	2		2	Lai, Zhong Cheng
	The Development and Manufacturing of Biopharmaceuticals	E	2		2	James, Teng
Total Credits of Elective Subjects			38	18	20	

**Course List for Undergraduate Program in Pharmacy
【Fourth Year】**

Subject No	Subject Name	Required(R)/ Elective(E)	Credit	Semester		Instructor
				Fall	Spring	
ACPT2	Pharmacotherapeutics (3)	R	2	2		Hsieh, Kun-Pin
ADPH3	Dispensing Pharmacy (2)	R	2	2		Wu, Yu-Tse
ADPL0	Dispensing Pharmacy Laboratory	R	1	1		Chen, Chung-Yu
APAD0	Pharmacy Administration and Regulating Law	R	2	2		Wen, Yen-Hsia
	Clinical Pharmacy and Skills	R	3	3		Hsieh, Kun-Pin
AHPA1	Community Pharmacy	R	2	2		Wu, Shih-Sheng
APIN4	Drug Information	R	1	1		Lin, Ying-Chi
AHPI1	Health Policy and Insurance	R	2	2		Li, Jih-Heng
APTB1	Ethics in Pharmacy	R	2	2		Tseng, Chih-Hua
ACAR3	Career Planning in Department of Pharmacy	R	1	1		Chen, Chung-Yu
APPF7	Hospital Pharmacy Practice	R	9		9	Wen, Yen-Hsia
Total Credits of Required Subjects			27	18	9	
ACTS1	Introduction to Clinical Trials	E	2	2		Fang, Yi-Ping
APPR3	Pharmacy Practice (C)	E	2	2		Wen, Yen-Hsia
APPR4	Pharmacy Practice (D)	E	4	4		Wen, Yen-Hsia
ALPM	Laws and Regulations of Pharmaceutical Manufacturing	E	2	2		Wu, Yu-Tse
Total Credits of Elective Subjects			10	10		

Remarks:

1. Students must complete 160 credits to graduate.
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						
B2 Threshold	523	193	68	5.0	Medium	700	260	PET	ALTE Level 2