

M.S. Program for the Faculty of Medicinal and Applied Chemistry

Type of Course	Code	Courses	Credits	1 st Year 1 st Semester	1 st Year 2 nd Semester	2 nd Year 1 st Semester	2 nd Year 2 nd Semester	Faculty
		Behavior						
Required courses		Seminar (Medicinal)	4	1	1	1	1	Chai-Lin Kao
		Seminar (Applied)	4	1	1	1	1	Chih-Kuang Wang
		Learning from Examples	0	0				
		The Principle Core Techniques in Life Science	2	2				<u>Shieh Bao-Sen</u>
		Special Lecture	0	0	0	0	0	Genin Gary Huang
		Thesis	6					
Elective courses	*	Special Topics in Organic Chemistry	4	2	2			1 st Year 1 st Semester Cheng-Chyi Tzeng 1 st Year 2 nd Semester Chai-Lin Kao
	*	Special Topics in Inorganic Chemistry	4	2	2			Sodio C. N. Hsu
	*	Special Topics in Physical Chemistry	4	2	2			Li-Fang Wang
	*	Special Topics in Instrumental Analysis	4	2	2			1 st Year 1 st Semester Tsai-Hui Duh 1 st Year 2 nd Semester Po-Yu Chen
	*	Special topics in materials in chemistry	4	2	2			Chih-Kuang Wang
	*	Special Topics in Medicinal Chemistry	4	2	2			Chai-Lin Kao
	*	Special Topics in Biochemistry	4	2	2			Shinne-Ren Lin
		Special Topics in Polymer Chemistry	2	2				Li-Fang Wang
		Special Topics in Biomaterials	2		2			Li-Fang Wang
		Special Topics in Spectroscopy (I)	2	2				Yeh-Long Chen
		Special Topics in Spectroscopy (II)	2		2			Yeh-Long Chen
		Special Topics in Heterocyclochemistry (I)	2	2				Long-Chin Hwang
		Special Topics in Heterocyclochemistry (II)	2		2			Long-Chin Hwang
		Special Topics in Bioorganic Chemistry (I)	2	2				Jeh-Jeng Wang
		Special Topics in Bioorganic Chemistry (II)	2		2			Jeh-Jeng Wang

	Special Topics in Drug Design	2		2			Cherng-Chyi Tzeng
	Special Topics in Protein Chemistry	2	2				Shinne-Ren Lin
	Special Topics in Drug Synthesis (I)	2	2				Eng-Chi Wang
	Special Topics in Drug Synthesis (II)	2		2			Eng-Chi Wang
	Special Topics in Organometallic Chemistry	2	2				Hsuan-Ying Chen
	Special Topic in Supramolecular Chemistry	2		2			Sodio C. N. Hsu
	Special Topics in Bioinorganic Chemistry (I)	2	2				Sodio C. N. Hsu Po-Jui Huang
	Special Topics in Bioinorganic Chemistry (II)	2		2			Tzu-Pin Wang
	Special Topics in Inorganic Analytical Chemistry	2	2				Po-Jui Huang
	Special Topics in Electrochemistry	2	2				Po-Jui Huang Po-Yu Chen
	Special Topics in Mass Spectrometry	2	2				Po-Jui Huang
	Special Topics in Environmental Analytical Chemistry	2		2			Tsai-Hui Duh
	Special Topics in Biocatalytical Chemistry(I)	2	2				Tzu-Pin Wang
	Special Topics in Biocatalytical Chemistry(II)	2		2			Tzu-Pin Wang
	Special Topics in Pharmaceutical Analysis	2		2			Tsai-Hui Duh
	Special Topics in Green Chemistry	2		2			Po-Yu Chen
	Special Topics in frontier areas of chemistry(I)	2	2				Wei-Yu Lin
	Special Topics in frontier areas of chemistry(II)	2		2			Wei-Yu Lin
	Special Topics in Organometallic Catalysts	2		2			Hsuan-Ying Chen
	Introduction to Computational Chemistry	2	2				Hsing-Yin Chen
	Special Topics in Academic Writing in Chemistry	2				2	Hui-Fen Chen

【Note】

1. Minimum credit hours for a master degree are 30 including 12 credits from required courses and 18 credits from elective courses. The 12 credits of required courses include 6 credits of "Dissertation of Master". The 18 credits of elective courses have to include at least 3 "*" courses.