

## DEPARTMENT OF PHYSICS (SECTION OF ELECTRO-OPTICAL PHYSICS)

科 目 名 稱 Course title	學 分 數	Y e a r 1		Y e a r 2		Y e a r 3		Y e a r 4		備 註 Notes
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	
基礎物理數學 Fundamental mathematical physics	2	0	2							
普通化學 General chemistry	3	3	0							
普通化學實驗 General chemistry lab.	1	1	0							
普通物理 General Physics	8	4	4							
普通物理實驗 General physics lab.	2	1	1							
微積分 Calculus	6	3	3							
力學 Mechanics	3			3	0					
物理數學 Mathematical physics	6			3	3					
電磁學 Electromagnetism	6			3	3					
電磁學實驗 Electromagnetic physics lab.	2			1	1					
電子學 Electronics	3					3	0			
光學 Optics	3					3	0			
量子物理 Quantum physics	6					3	3			
熱力學 Thermodynamics	3					3	0			
光學實驗 Optics lab.	1					1	0			
電子學實驗 Electronics lab.	2					1	1			Choose 1 course from 4, the remaining courses are recognized as electives in the department
半導體物理 Physics Of Semiconductors	3					0	3			
光電系統概論 Introduction To Opto-Electric System	3					0	3			
同步輻射概論與應用 Introduction To Synchrotron Radiation: Techniques And Applications	3							3	0	
量子光學導論 Introduction To Quantum Optics	3							3	0	
近代物理實驗 Modern physics lab.	2							1	1	

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		1st	2nd	1st	2nd	1st	2nd	1st	2nd	

(1) Required credits (including general education 26 credits) : 88 credits

(2) Minimum departmental elective credits : 24 credits

(3) Free elective credits : 16 credits

Total credits for graduation : 128 credits

## Required Courses for New Students Admitted in the Academic Year 111

## DEPARTMENT OF PHYSICS (SECTION OF APPLIED PHYSICS)

[illegible]

科 目 名 稱 Course title	學 分 數	Ye a r 1		Ye a r 2		Ye a r 3		Ye a r 4		備註 Notes
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	

(1)Required credits (including general education 26 credits) : 88 credits

(2)Minimum departmental elective credits : 24 credits

(3)Free elective credits : 16 credits

Total credits for graduation : 128 credits