

2026 Fall Semester

Courses Offered by NANO Programs

◎=Required course

○= Elective Course

Subject [credit]	Lecturer	Curriculum Number(Serial Number)/ Code			Time First Class	Classroom
		NTU Physics	NTU Chemistry	NTHU ESS		
奈米科技導論 A [3] Introduction to Nanotechnology A [3] (required)	王本誠 (清大工科) Wang, Pen-Cheng (ESS, NTHU)	◎ 52802		◎ 11510TIGP7 40101	13:20~16:20 Friday 9/11	清大工科 302 室 Room 302, Dept. of ESS, NTHU
奈米科技導論 B [3] Introduction to Nanotechnology B [3] (required)	關肇正 (應科中心) 柯忠廷(物理所) Kaun, Chao- Cheng(RCAS) Ke, Chung-Ting (IoP)		◎ 32455	◎ 11510TIGP7 40102	09:10~12:10 Wednesday 9/9	中研院跨領域大樓 C101 會議室 Room C101, IRBST, AS 10/14 中研院跨領域大樓 5F-5B05 會議室 5F Room 5B05, IRBST, AS
量子力學一 [3] Quantum Mechanism I [3]	余海禮 (物理所) Yu, Hoi-Lai (IoP)	○ 45227		○ 11510TIGP7 43500	13:20-16:20 Tuesday 9/8	中研院物理所 P101 會議室 Room P101, IoP, AS
固態物理一 [3] Solid-state Physics [3]	張嘉升 (物理所) Chang, Chia-Seng (IoP)	○ 45612		○ 11510TIGP7 44100	9:10~12:10 Tuesday 9/8	中研院物理所 P101 會議室 Room P101, IoP, AS

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		NTU Physics	NTU Chemistry	NTHU ESS		
同步輻射與中子散射的基礎與應用 [2] Fundamentals and Application of Synchrotron Radiation and Neutron Scattering [2]	林敏聰 (台大物理) Lin, Minn-Tsong (Physics, NTU)	○ 35985		○ 11510TIGP7 48400	14:20-16:20 Monday 9/7	台大物理 618 室 Room 618, Dept. of Physics, NTU
尖端計量學以及能譜與顯微術之基礎與應用 [3] Advanced Metrology, Spectroscopies and Microscopies: Fundamentals and Applications [3]	林麗瓊 (台大物理) Li-Chyong Chen (Physics, NTU)	○ 13288		○ 11510TIGP7 48700	09:10-12:10 Monday 9/7	台大凝態中心 212 室 Room 212, CCMS, NTU
高等無機化學一 [3] Advanced Inorganic Chemistry I [3]	江建文 Kong, Kien-Voon (Chemistry, NTU)		○ 28963	○ 11510TIGP7 46300	9:10-12:10 Wednesday 9/9	台大化學 121 教室 Room 121, Dept. of Chemistry, NTU
高等物理化學一 [3] Advanced Physical Chemistry I [3]	Chun-Yi David Lu 陸駿逸		○ 43422	○ 11510TIGP7 27100	13:20~16:20 Tuesday 9/8	台大化學 210 教室 Room 210, Dept. of Chemistry, NTU
高等專題討論一(國際學程) [1] Seminar I [1] (required)	Faculty Members 1st year	◎ 32199		◎ 11510TIGP7 49100	14:10-16:00 Wednesday 9/9	中研院跨領域大樓 4B05 會議室 Room 4B05, IRBST, AS
高等專題討論三(國際學程) [1] Seminar III [1] (required)	Faculty Members 2nd year	◎ 29794		◎ 11510TIGP7 49100	無固定上課 時間	聯繫: tigpnano@gate.sinica.edu.tw

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		NTU Physics	NTU Chemistry	NTHU ESS		
專題研究 [1] Research Training [1]	Advisor		◎ 45796		無固定上課 時間	中研院(台大化學) AS (Dept. of Chemistry, NTU)
專題演講 [0] Colloquium [0]	溫昱傑 Yu-Chieh Wen (IOP)			◎ 11510TIGP7 49300	不須安排上 課時間	中研院(清華大學) AS (NTHU)
初級中文一 [0] Elementary Chinese I [0] (Required course for international students)	Chinese lecturer 華語教師	Please attend the class, and no need to select the course.	Please attend the class, and no need to select the course.	11510TIGP7 19900	18:30~21:30 Wednesday 9/9	中研院國際研究生教 學研究大樓 2 樓 Room 207, TIGP T&A Building, AS
初級中文一 [0] Elementary Chinese I [0] (Required course for international students)	Chinese lecturer 華語教師	Please attend the class, and no need to select the course.	Please attend the class, and no need to select the course.	11510TIGP7 19900	18:30~21:30 Tuesday 9/8	中研院國際研究生教 學研究大樓 2 樓 Room 207, TIGP T&A Building, AS

Courses Offered by Other Programs

Subject [credit]	Lecturer	Course Code/ Course ID/ Curriculum Identity Number			Time First Class	Classroom
		NTU Physics	NTU Chemistry	NTHU ESS		
MST 不可逆熱力學及其應用 [3] Irreversible Thermodynamics and its Application in spin caloritronics [3]	Dah-Yen Yang 楊大衍	○ MST8006 (29091)	○ MST8006 (29091)	○ 11510TIGP723 600	9:10~12:00 Friday 9/11	中研院原分所 311 室 Room 311, IAMS, AS
MST 現代實驗技術-物理 [2] Modern Experimental Techniques-Physics [2] This course is offered biennially 隔年開課	Yu-Chieh Wen, Wei-Chun Huang, Wei-Jan Chen, and Shayne Bennetts 溫昱傑、黃維君、陳蔚然、肖恩	○ Phys8115 (50332)	○ Phys8115 (50332)	○ 11510TIGP722 300	14:20~16:20 Friday 9/11	中研院原分所 311 室 Room 311, IAMS, AS
MST 當代原子與光學物理趨勢[3] Recent Trends in Atomic and Optical Physics [3] This course is offered biennially 隔年開課	Ming-Shien Chang, Hsiang-Hua Jen, Ying Cheng Chen, Yu-Ju Lin, Shayne Bennetts, Chun-Chia Chen, and Pei-Ling Luo 張銘顯、任祥華、陳應誠、林育如、肖恩、陳俊嘉、羅佩凌	○ MST8017 (26468)	○ MST8017 (26468)	○ 11510TIGP723 900	9:10~12:00 Tuesday 9/8	中研院原分所 311 室 Room 311, IAMS, AS
MST 核磁共振光譜學 [3] Nuclear Magnetic Resonance Spectroscopy [3] This course is offered biennially 隔年開課 (至少 3 個學生才開課)	Tsyr-Yan Yu 余慈顏	○ MST8016 (27357)	○ MST8016 (27357)	○ 11510TIGP723 300	9:10~12:00 Friday 9/11	中研院原分所 209 室 Room 209, IAMS, AS

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		NTU Physics	NTU Chemistry	NTHU ESS		
SCST 永續化學科技導論一[3] Introduction to Sustainable Chemical Science and Technology I [3]	SCST 化學所	○ Chem5096 (22274)	○ Chem5096 (22274)	○ 11510TIGP723 700	9:00~12:00 Wednesday 9/9	中研院化學所 B105 室 Room B105, IoC, AS
SCST 永續奈米化學特論 [3] Special Topics in Sustainable Nanochemistry [3]	Chun-Hong Kuo 郭俊宏 (陽明交大應化)	○ SCST8011 (42839)	○ SCST8011 (42839)	○ 11510TIGP724 000	9:00~12:00 Thursday 9/10	中研院化學所 B105 室 Room B105, IoC, AS
CBMB 生物物理導論 [2] Introduction to Biological Physics [2]	Lin,Keng-Hui 林耿慧(物理所)	○ Phys7067 (23767)	○ Phys7067 (23767)	○ 1510TIGP7186 00	10:20-12:10 Wednesdays 9/7	台大物理 833 室 Room 833, Dept. of Physics, NTU

Weekly Course Schedule

Mon	Tue	Wed	Thu	Fri
Advanced Metrology, Spectroscopies and Microscopies: Fundamentals and Applications 09:10-12:10	Solid-state Physics 9:10-12:10 Recent Trends in Atomic and Optical Physics 9:10-12:00	Introduction to Sustainable Chemical Science and Technology 9:00-12:00 Introduction to Nanotechnology B 9:10-12:10 Advanced Inorganic Chemistry I 9:10-12:10 Introduction to Biological Physics 10:20-12:10	Special Topics in Sustainable Nanochemistry 9:00-12:00	Irreversible Thermodynamics and its Application in Spin Caloritronics 9:10-12:00 Nuclear Magnetic Resonance Spectroscopy 9:10-12:00
Fundamentals and Application of Synchrotron Radiation and Neutron Scattering 14:20-16:20	Advanced Physical Chemistry I 13:20-16:20 Quantum Mechanics I 13:20-16:20 Elementary Chinese I 18:30-21:30	Seminar 14:10-16:00 Elementary Chinese I 18:30-21:30		Introduction to Nanotechnology A 13:20-16:20 Modern Experimental Techniques-Physics 14:20-16:20

◎Offered by MST Program
 ◎Offered by Nano Program
 ◎Offered by SCST Program
 ◎Offered by TIGP
 ◎Offered by CBMB Program