

Number	Field Category Number		Course title (English)	Course title (Chinese)	Semester	Curriculum Identity Number	Credit	
2019 停開 Course suspended	1	Materials	1	材料顯微結構與缺陷				20191126 Update
1	2	Physics	1	Magnetic Materials	Spring	527 M1690	3學分	20191126 Update
2	3	Chemistry	1	Mechanical Behavior of Materials	Spring	527 M1230	3學分	20191126 Update
3	4	Others	1	Energy Materials	Spring	527 U3190	3學分	20191126 Update
2020 Spring 停開 Course suspended			1	X-Ray Diffraction	Spring	527 M1030	3學分	20201210 update
5			2	Quantum Mechanics	Fall	222 D5061	3學分	20191126 Update
6			2	Introduction to Solid State Physics	Fall	222 D5300	3學分	20191126 Update
			2		Fall	222 M1720	4學分	20191126 Update
			2		Spring	527 U1150	3學分	20200512 Update
7			2	Introduction to Recent Trends in Molecular Science	Spring	551 D0110	3學分	20211130 Update
8			2	Modern Experimental Techniques-Physics	Fall	222 D5400	2學分	20201210 Update
9			2	Fundamentals and Application of Synchrotron Radiation and Neutron Scattering	Fall	222 D3380	2學分	20201210 Update
10			2	Applied Optics	Spring	222 D3440	3學分	20201210 Update
11			2	Special Topics on Solid State Physics: Advances and Applications	Spring	222 D3210	3學分	20210218 Update
12			2	Science and Practices of Crystal Growth	Spring	222 M0160	2學分	20211207 Update
13			2	Advanced Materials: Fundamentals and Applications	Spring	222 D5480	3學分	20220121 Update
14			3	Advanced Inorganic Chemistry (I)(tigr)	Fall	223 D9130	3學分	20201210 Update
15			3	Advanced Organic Chemistry (I)(tigr)	Spring	223 D9110	3學分	20191126 Update
16			3	Advanced Analytical Chemistry (I)(tigr)	Spring	223ED9150	3學分	20191126 Update
17、18			1、3	Introduction to Sustainable Chemical Science and Technology I、II	Fall/Spring	223 U9270 223 U9280	3學分	20191126 Update
19			1、3	Advanced Heat and Mass Transfer	Spring	524 M1200	3學分	20191126 Update
20			1、3	Advanced Chemical Engineering Thermodynamics	Spring	524 M1110	3學分	20191126 Update
21			2、3	Irreversible Thermodynamics and Its Application in Spin Caloritronics	Fall	551 D0060	3學分	20191126 Update
22、23、24			2、3	Advanced Physical Chemistry I、II、III	Fall/Spring	223 M1310 223 M1320 223 M1340	3學分	20191126 Update
25			1、3	Advanced Chemistry of Materials (tigr)	Spring	223 U9110	3學分	20201210 Update
26			1、2、3	Computational Materials	Spring	222 D5020	3學分	20191126 Update
27			1、2、3	Introduction to Nanotechnology	Fall	222 D5340	3學分	20191126 Update

Courses above approved by the committee.