

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
M282E	New Materials Design and Synthesis (E)	Text	M51/ A	Atkins' Physical Chemistry[11th ed.]	P. Atkins, J. de Paula, J. Keeler	Oxford University Press, 2018	
		Text	M56/ E	Practical Statistics for the Analytical Scientist [2nd ed.]	S.L.R. Ellison, V.J. Barwick and T. J. Duguid Farrant	RSC Publishing, 2009.	
		Ref.	M71/ O	Principles of Polymerization [4th ed.]	George Odian	John Wiley & Sons, Inc, 2004.	Only available from JAIST network https://onlinelibrary.wiley.com/doi/book/10.1002/047147875X
		Ref.	M50/ K	The Ethical Chemist: Professionalism and Ethics in Science [2nd ed.]	Jeffrey Kovac	Oxford University Press, 2018	
		Ref.	-	International vocabulary of metrology — Basic and general concepts and associated terms (VIM) [3rd ed.] JCGM 200:2012	BIPM, IEC, IFCC, ILAC, ISO, IUPAC, IUPAP, and OIML	Joint Committee for Guides in Metrology, JCGM 200:2012	Available on the web https://www.bipm.org/documents/20126/2071204/JCGM_200_2012.pdf/f0e1ad45-d337-bbeb-53a6-15fe649d0ff1
M283E	Biofunction and Organization (E)	Ref.	M64/ V	Biochemistry [3rd ed]	D. Voet and J. G. Voe	John Wiley & Sons, 2004	
		Ref.	M65/ M	Molecular biology of the cell [5th ed]	B. Alberts et al	Garland Science, 2008	
M284E	Solid State Physics and its Application to Electronics II (E)	Ref.	M20/ A	Solid State Physics [college ed.]	N. W. Ashcroft and N. D. Mermin	Brooks Cole, 1976	
		Ref.	M22/ D	The Physics of Low-dimensional Semiconductors: An Introduction	J. H. Davies	Cambridge Univ. Press, 1998	
		Ref.	M24/ F	Optical Properties of solid	M. Fox	Oxford Univ. Press, 2001	