

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
M222	Computational Material Design	Ref.	M51 / S	Modern Quantum Chemistry: Introduction to Advanced Electronic Structure Theory	Attila Szabo, Neil S. Ostlund	Dover Publications Inc., 1996	
		Ref.	M51 / S	Beginners Manual for Quantum Chemistry Calculation (in Japanese) → すぐできる量子化学計算ビギナーズマニュアル [新版]	Kimihiko Hirao, Tetsuya Takeji	Kodansha, 2015	
		Ref.	M51 / S	Beginners Manual for Molecular Simulation (in Japanese) → すぐできる分子シミュレーションビギナーズマニュアル	Masatak Nagaoka	Kodansha, 2008	
		Ref.	M51 / A	Atkins' Physical Chemistry [11th ed.]	Peter Atkins, Julio De Paula, James Keeler	Oxford University Press, 2018	
		Ref.	M51 / J	Introduction to Computational Chemistry [3rd ed.]	Frank Jensen	Wiley, 2017	
M224	Inorganic Materials Chemistry	Text	M51 / W	Solid State Chemistry and its Applications [2nd ed., Student ed.]	Anthony R.West	Wiley, 2014	
		Ref.	M52 / S	Solid State Chemistry: An Introduction [3rd ed.]	Lesley Smart and Elaine Moore	Taylor & Francis, 2005	
		Ref.	M20 / C	The Electronic Structure and Chemistry of Solids	P.A.Cox	Oxford University Press, 1987	
M225	Instrumental Analytical Chemistry	Ref.	M56 / S	Principles of Instrumental Analysis [6th ed.]	Douglas A. Skoog, F.James Holler, Stanley R.Crouch	Brooks Cole, 2007	
M232	Biophysics and Biophysical Chemistry	Ref.	M62 / P	Physical Biology of the Cell [2nd ed.]	Rob Phillips, et al.	Garland Science, 2013	
M243	Solid State Physics I	Text	M02 / K	Introduction to Solid State Physics [8th ed.]	C. Kittel	Wiley, 2005	
		Ref.	M20 / A	Solid State Physics	N. W. Ashcroft and N. David. Mermin	Cole Thomson Learning, 1976	
		Ref.	M02 / B	Solid State Physics [2nd ed.]	J. S. Blakemore	Cambridge University Press, 1985	
M254	Polymer Chemistry I	Ref.	M72 / B	Textbook of polymer chemistry	Fred W. Billmeyer, Jr.	Interscience Publishers, 1957	
M262	Biomaterial Sensing	Ref.	M56 / B / 1	Kiso Kagaku Kosu, Bunseki Kagaku 1 (in Japanese) → 分析化学：1 (基礎化学コース)	H. Imura, T. Hobo, K. Suzuki	Maruzen, 1996	
		Ref.	M01.4/ F / 1	Denki Kagaku Sokuteihou Jou (in Japanese) → 電気化学測定法：上	A. Fujisima, M. Aizawa, T. Inoue	Gihoudou Shuppan, 1984	
M274	Mechanics of Materials	Text	M47 / Z	材料力学 (JSMEテキストシリーズ)	日本機械学会著	日本機械学会, 2007	
		Ref.	M03 / H	Fundamentals of Finite Element Analysis	David V. Hutton	McGraw-Hill, 2004	
M421	Electronics	Text	M40 / S	エレクトロニクスの基礎 [新版]	霜田光一・桜井捷海著	裳華房, 1983	
		Ref.	M14.3/ A	電子回路―基礎からシステムまで	安藤繁著	培風館, 1995	
		Ref.	M14.3/ Y	電子回路技術：集積回路の応用を中心とした	山崎弘郎著	東京大学出版, 1977	
		Ref.	M40.1/ S	応用エレクトロニクス (物理学選書；17)	桜井捷海・霜田光一著	裳華房, 1984	
M423	Functional Protein Device	Ref.	M65 / M	Molecular Biology of the Cell [5th ed.]	Bruce Alberts, et al.	Garland Science, 2008	
M614E	Advanced Device Physics (E)	Ref.	M43 / W	Physics of Solar Cells : from basic principles to advanced concepts [3rd ed.]	P. Würfel and Uli Würfel	Wiley-VCH, 2016	
		Ref.	M40.1/ S	Physics of Semiconductor Devices [4th ed.]	S. M. Sze and Kwok K. Ng	Wiley, 2021	