

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
M111E	Introduction to Physics (E)	Text	M01/ H	Fundamentals of Physics [10th ed., extended]	D. Halliday, R. Resnick, J. Walker	Wiley, 2014	
		Ref.	M01/ A	Physics	M. Alonso and E. J. Finn	Addison-Wesley Pub. Co, 1992	
M223	Properties of Organic Materials	Ref.	M53/ M	Fundamentals of Organic Chemistry [7th ed.]	John McMurry	Brooks/Cole, 2011	
		Ref.	M51/ W	Basic Solid State Chemistry [2nd ed.]	Anthony R. West	John Wiley & Sons, 1999	
		Ref.	M51/ T	Modern Molecular Photochemistry	Nicholas J. Turro	University Science Books, 1991	
		Ref.	M70/ F	Functional Organic Materials: Syntheses, Strategies and Applications	Thomas J.J. Müller and Uwe H.F. Bunz	Wiley-VCH, 2007	
M231	Bioorganic Chemistry	Text	M64/ S	Introduction to Bioorganic Chemistry (in Japanese) → 生物有機化学入門	奥忠武、北爪智哉、中村聡、西尾俊幸、河内隆、広田才之	講談社, 2006	
		Ref.	M64/ V	Biochemistry [3rd ed.]	Donald Voet, Judith G. Voet	J. Wiley & Sons, 2004	
M261	Functional Biomolecules	Ref.	M64/ B	Biochemistry [6th ed]	Jeremy M. Berg, John L. Tymoczko, Lubert Stryer	W.H. Freeman, 2007	
		Ref.	M64/ V	Biochemistry [3rd ed]	Donald Voet and J. G. Voet	John Wiley & Sons, 2004	
		Ref.	M66/ B	Microbiology : principles and explorations [9th ed]	Jacquelyn G. Black, Laura Black	Wiley, 2015	Only available from JAIST network [10th ed] https://elib.maruzen.co.jp/elib/html/BookDetail/Id/30000
		Ref.	M62/ P	Physical Biology of the Cell [2nd ed]	Rob Phillips, Jane Kondev, Julie Theriot, Hernan Garcia	Garland Science, 2013	
		Ref.	M65/ M	Molecular biology of the cell [5th ed]	B. Alberts et al.	Garland Science, 2008	
M281E	Solid State Physics and its Application to Electronics I (E)	Ref.	M51/ A	Molecular Quantum Mechanics [5th ed.]	P. W. Atkins and R. S. Friedman	Oxford Univ. Press, 2011	
		Ref.	M20/ A	Solid State Physics	N. W. Ashcroft and N. D. Mermin	Brooks/Cole Thomson Learning, 1976	
M414EJ	Device Physics (EJ)	Ref.	M40/ G88	Physics and Technology of Semiconductor Devices	A. S. Grove	Wiley, 1967	
		Ref.	M40.1/ Sz	Semiconductor Devices : physics and technology [2nd ed.]	S. M. Sze	John Wiley, 2002	
M415	Medical Biomaterials	Ref.	M93/ B	CONTROLLED RELEASE OF BIOLOGICALLY ACTIVE AGENTS	R. W. Baker	WILEY, 1987	
M420	Solid State Physics II	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. D. Mermin	Brooks/Cole Thomson Learning, 1976	
		Ref.	M02/ I	Solid-State Physics: An Introduction to Principles of Materials Science [4th extensively updated and enl ed.]	H. Ibach and H. Lueth	Springer, 2009	
		Ref.	M22/ M	半導体の物理 [改訂版] (半導体工学シリーズ ; 2)	御子柴宣夫著	培風館, 1991	
M424	Polymer Chemistry II	Ref.	M72/ S	Introduction to physical polymer science [4th ed]	L. H. Sperling	Wiley, 2006	Only available from JAIST network https://onlinelibrary.wiley.com/book/10.1002/047175712
M425E	Analytical Mechanics (E)	Ref.	M01.1/ U	Analytical dynamics : a new approach	Robert E. Kalaba, Firdaus E. Udwardia	Cambridge University Press, 2008	
		Ref.	M01.1/ T	Classical Mechanics	John R. Taylor	University Science Books, 2005	
M612E	Optical Properties of Solids (E)	Ref.	M51/ T	Modern Molecular Photochemistry of Organic Molecules	N.J. Turro, V. Ramamurthy, J.C. Scaiano	University Science Books 2010	
		Ref.	M47/ R	Raman Scattering in Materials Science (Springer series in materials science ; v.42)	W. H. Weber and R. Merlin eds.	Springer, 2000	
		Ref.	M58/ F	Fundamentals of luminescence (Phosphor handbook) [3rd ed.]	Ru-Shi Liu, Xiao-jun Wang eds.	CRC Press, 2022	
N001	Fabrication of Nano-Devices with Training Course	Ref.	M40.1/ S	Semiconductor Devices: Physics and Technology [3nd ed]	S. M. Sze, M.K. Lee	John Wiley, 2012	
N003	Analysis of Nano-Materials with Training Course	Ref.	M57/ J/ 8	NMR・ESR [第5版] (実験化学講座 ; 8)	日本化学会編	丸善, 2006	
		Ref.	M64/ M	見てわかる構造生命科学 : 生命科学研究へのタンパク質構造の利用	中村春木編	化学同人, 2014	
N005	Material Analysis with Training Course	Text	M56/ C	Introduction to Infrared and Raman Spectroscopy [3rd ed]	N.B. Colthup, L.H. Daly and S.E. Wiberley	Academic Press, 1990	Only available from JAIST network https://www.sciencedirect.com/science/book/97801218