

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, 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	Wiley, 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	
M245E	Mathematics for Condensed Matter Science and Technology (E)	Text	M00/B97/10	Mathematics for physics students (in Japanese) → 物理のための数学	M. Wadachi	Iwanami, 1983	
		Ref.	M00/B97/5	Mathematics for physics students: exercises (in Japanese) → 例解物理数学演習	M. Wadachi	Iwanami, 1990	
M261	Functional Biomolecules	Ref.	M64 / B /	Biochemistry [6th ed.]	Lubert Stryer, Jeremy M. Berg, John L. Tymoczko	W.H. Freeman, 2007	
		Ref.	M64 / V /	Biochemistry [3rd ed.]	Donald Voet and J. G. Voet	John Wiley & Sons, 2004	
		Ref.	M66 / B /	Microbiology [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/3000083443
		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, 1976	
M414	Device Physics	Ref.	M40 /G88/	Physics and Technology of Semiconductor Devices	A.S. Grove	Wiley, 1967	
		Ref.	M40.1/ Sz /	Semiconductor Devices [2nd ed.]	S.M. Sze	John Wiley, 2002	
		Ref.	C31.8/ K /	CMOS Digital Integrated Circuits	S.M.Kang and Y.Leblicici	McGraw Hill, 1996	
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	Thomson Learning, 1976	
		Ref.	M02 / I /	Solid-State Physics : An Introduction to Principles of Materials Science [4th ed.]	H. Ibach and H. Lueth	Springer, 2009	
		Ref.	M22 / M /	半導体の物理 [改訂版]	御子柴宣夫	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/10.1002/0471757128
M425E	Analytical Mechanics (E)	Ref.	M01.1/ U /	Analytical Dynamics: A New Approach	Firdaus E. Udawadia, Robert E. Kalaba	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, 2017	
		Ref.		Auger- and X-Ray Photoelectron Spectroscopy in Materials Science	Siegfried Hofmann	Springer, 2013	Only available from JAIST network https://doi.org/10.1007/978-3-642-27381-0
		Ref.	M58 / F	Fundamentals of luminescence (Phosphor handbook) [3rd ed.]	Ru-Shi Liu, Xiao-jun Wang	CRC Press, 2022	In-Library use only
		Ref.	M47 / R /	Raman Scattering in Materials Science	W. H. Weber and R. Merlin eds.	Springer, 2000	
N001	Fabrication of Nano-Devices with Training Course	Ref.	M40.1/Sz/	Semiconductor Devices: Physics and Technology [2nd ed.]	S. M. Sze	John Wiley, 2002	
N003	Analysis of Nano-Materials with Training Course	Ref.	M57 / J / 8	NMR・ESR [第5版] (実験化学講座：第8巻)	日本化学会編	丸善, 2006	
		Ref.	M64 / M /	見てわかる構造生命科学	中村春木編	化学同人, 2014	

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
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/9780121825546