

UM Physics Textbook List-Fall 2008

Catalog Number	Textbook Required	Textbook Recommended	Title	Ed.	Author	Publisher	ISBN		
106 (001-004)	x		How Everything Works		Bloomfield	Wiley & Sons	470170662		
125	x		Physics Vol 1	7	Cutnell & Johnson	Wiley & Sons	0470051078		
125		x	Student Solutions Manual Physics	7	Cutnell & Johnson	Wiley & Sons	471663263		
125		x	Study Guide Physics	7	Cutnell & Johnson	Wiley & Sons	471663255		
126	x		Physics Vol 2	7	Cutnell & Johnson	Wiley & Sons	0470051086		
126		x	Student Solutions Manual Physics	7	Cutnell & Johnson	Wiley & Sons	471663263		
126		x	Study Guide Physics	7	Cutnell & Johnson	Wiley & Sons	471663255		
140	x		University Physics Vol I	12	Young & Freedman	Addison Wesley	10:0321500563		
140		x	Student Solutions Manual University Physics	12	Young & Freedman	Addison Wesley	321500636		
140		x	Study Guide University Physics Vol I	12	Young & Freedman	Addison Wesley	321500334		
160	x		University Physics Vol I	12	Young & Freedman	Addison Wesley	10:0321500563		
160		x	Student Solutions Manual University Physics	12	Young & Freedman	Addison Wesley	321500636		
160		x	Study Guide University Physics Vol I	12	Young & Freedman	Addison Wesley	321500334		
240	x		University Physics Vol II	12	Young & Freedman	Addison Wesley	10:321500393		
240		x	Student Solutions Manual University Physics	2	Young & Freedman	Addison Wesley	321500385		
240		x	Study Guide for University Physics Vol II	2	Young & Freedman	Addison Wesley	321500377		
260	x		University Physics Vol II	12	Young & Freedman	Addison Wesley	10:321500393		
288	x		Musical Acoustics	3	Hall	Cengage Learning	0534377289		
340	x		University Physics Vol I & II	12	Young & Freedman	Addison Wesley	805391878(Vol II)	080539186x (Vol I)	
390	x		Modern Physics	5	Tipler	Freeman	716743450		
401	x		Classical Dynamics of Particles & Systems	5	Thornton	Brooks/Cole	0534408966		
402	x		Fundamentals of Photonics	2	Saleh/Teich	Wiley	9780471358329		
402		x	Intro to Modern Optics	2	Fowles	Dover	9780486659572		
405	x		Intro to Electrodynamics	3	Griffiths	Prentice Hall	013805326X		
406	x		Thermal Physics	2	C.Kittel & H. Kroeme	Freeman	70518009		
406		x	Fundamentals of Statistical and Thermal Physics		F. Rief	McGraw-Hill	70518009		
411	x		Numerical Methods for Physics		Garcia	Prentice Hall	139067442		
435	x		General Relativity: An Introduction for Physicists	1	MP Hobson	Cambridge	9780521829519		
435		x	Introducing Einsteins Relativity		Ray D Inverno	Oxford	9780198596868		
435		x	Spacetime and Geometry	1	Sean Carroll	Cummings	97808705387322		
435		x	Gravity: An Introduction to Einstein's General Relativity	1	James B Hartle	Cummings	9780805386622		
435		x	Problem Book in Relativity and Gravitation		A Lightman	Calif. Princeton	069108162X		
451	x		Mathematical Methods for Physicists	6	Arfken	Elsevier	0120598760		
451	x		Geometrical Vectors		Weinreich	U. Chicago	0226890481		
453	x		Intro to Quantum Mechanics	2	Griffiths	Prentice Hall	0131118927		
453		x	Modern Approach to Quantum Mechanics		Townsend	Univ. Sci	1891389130		
589	x		Musical Acoustics	3	Hall	Cengage Learning	0534377289		
505	x		Classical Electrodynamics	3	Jackson	Wiley	047130932X		
510	x		Statistical Mechanics	2	Huang	Wiley	471815187		
510		x	Intro to Modern Statistical Mechanics		Chandler	Oxford Univ. Press	195042778		
510		x	Statistical Mechanics		Sethna	Oxford Univ. Press	198566778		
511		x	Quantum Mechanics		Abers	Prentice Hall	0131461001		
511		x	Modern Quantum Mechanics	1	J. J. Sakurai	Addison Wesley	13:9780201539295		
513	x		Intro to Quantum Field Theory		Peskin	Perseus	0201503972		
520	x		Solid State Physics		Ashcroft & Mermin	Harcourt	30839939		
525	x		The Early Universe		Kolb, Turner	Perseus	13:9780201626742		
525	x		Cosmology		Weinberg	Wiley	9780198526827		
525		x	Cosmology and Particle Astrophysics		Bergstrom	Springer-Verlag	9783540431282		
525		x	Physical Foundations of Cosmology	1	Mukhanov	Cambridge	9780521563987		
525		x	Principles of Physical Cosmology		Peebles	Princeton Press	9780691019338		
541		x	Supersymmetry in Particle Physics		Ian Aitchison	Cambridge Univ. Press	9780521880237		
541		x	Particle and Astroparticle Physics		Utpal Sarkar	Chapman and Hall	9781584889311		
541		x	Supersymmetry		Pierre Binetruy	Oxford Univ. Press	9780198509547		
541		x	Weak Scale supersymmetry		Baer and Tata	Cambridge Univ. Press	9780521857864		
619									