

Course	Title	Semester Offered	Instructor	Text	Edition	ISBN	Author	Publisher	Price	Additional Supplies	Notes
CHEM 101	Chemistry! Better Things for Better Living	Fall 2009	Dr. Robert K. Wismer	Printed lecture notes available from department							
CHEM 102	The Science of Chemistry	Spring 2010	Dr. Robert K. Wismer	Printed lecture notes and laboratory experiments available from department							
CHEM 103	General, Organic and Biochemistry I	Fall 2009	Dr. Aimee L. Miller	General, Organic and Biochemistry (Required) Permanently bound, composition style laboratory notebook, quad or line ruled (Required) Non-programmable calculator able to do log and scientific notation functions (Required)		ISBN: 978-0077274290	Smith		Used: \$ 123.75 New: \$ 165.00		
CHEM 104	General, Organic and Biochemistry II	Spring 2010	Dr. Steven M. Bonser	General, Organic, & Biological Chemistry (Required) Student Study Guide/Solutions Manual (Required) Both texts can be purchased as a "Bundle"	1st Edition 1st Edition	ISBN: 9780073026572 ISBN: 9780073026589 ISBN: 0078058619	Janice Gorzynski Smith	McGraw-Hill McGraw-Hill			
CHEM 110	Fundamentals of Chemistry	Fall 2009	Dr. Mark A. Iannone	Beginning Chemistry (Required)		ISBN-10: 0071635378 / ISBN-13: 978-0071635370 or ISBN 10: 0071447806 / ISBN-13: 978-0071447805	David Goldberg (Schaum's Outline)		\$ 18.95		
CHEM 110	Fundamentals of Chemistry	Fall 2009	Dr. Jeremiah Mbindyo	Basic Chemistry (Required)		ISBN: 978-0321668042	Timberlake		Used: \$ 62.00 New: \$ 82.75		
CHEM 111	Introductory Chemistry I	Fall 2009	Rajaseelan/Schiza/Wisner	Principles of Chemistry (Required) Experiments in General Chemistry (Required) Lab notebook: Must be bound (no ring binders) approx. size 7 "x 9.5", quadrille ruled (Required) Lab Safety Goggles: must completely shield the sides of one's eyes (Required) Molecular Model Kit (Required)	c.2010 9th ed., c.2007	ISBN-13: 978-0-321-56004-9 ISBN: 0-13-149391-4	Nivaldo Tro Greco, Rickard, Weiss	Prentice Hall Prentice Hall	Used: \$ 156.71 New: \$ 208.95 \$ 67.00	A calculator that has log, ln, 10x (antilog), and ex functions.	NOTE: As a bundle: ISBN: 0321644867 – Bundled text and lab book; Cost: \$162.00
CHEM 111	Introductory Chemistry I	Spring 2010	Dr. Lyman H. Rickard	Chemistry: Structure & Dynamics (Required) Chemistry: A Guided Inquiry (Required) Experiments in General Chemistry (Required) Lab notebook: Must be bound (no ring binders) approx. size 7 "x 9.5", quadrille ruled (Required) Lab Safety Goggles: must completely shield the sides of one's eyes (Required) Molecular Model Kit (Required)		ISBN: 9780470129289 ISBN: 9780470129265 ISBN: 9780131493919	Spencer Moog Petrucci		Used: \$ 95.06 New: \$ 126.75 Used: \$ 46.13 New: \$ 61.50 Used: \$64.50 New: \$86.00		Available from ACS Student Affiliates (Caputo 330) Available from ACS Student Affiliates (Caputo 330)
CHEM 112	Introductory Chemistry II	Fall 2009	Dr. Lyman H. Rickard	Chemistry: Structure & Dynamics (Required) Chemistry: A Guided Inquiry (Required) Experiments in General Chemistry (Required) Lab notebook: Must be bound (no ring binders) approx. size 7 "x 9.5", quadrille ruled (Required) Lab Safety Goggles: must completely shield the sides of one's eyes (Required) Molecular Model Kit (Required)		ISBN: 9780470129289 ISBN: 9780470129265 ISBN: 9780131493919	Spencer Moog Petrucci		Used: \$ 95.06 New: \$ 126.75 Used: \$ 46.13 New: \$ 61.50 Used: \$64.50 New: \$86.00		Available from ACS Student Affiliates (Caputo 330) Available from ACS Student Affiliates (Caputo 330)
CHEM 112	Introductory Chemistry II	Spring 2010	Rajaseelan/Wisner	Principles of Chemistry (Required) Experiments in General Chemistry (Required) Lab notebook: Must be bound (no ring binders) approx. size 7 "x 9.5", quadrille ruled (Required) Lab Safety Goggles: must completely shield the sides of one's eyes (Required) Molecular Model Kit (Required)	c.2010 9th ed., c.2007	ISBN-13: 978-0-321-56004-9 ISBN: 0-13-149391-4	Nivaldo Tro Greco, Rickard, Weiss	Prentice Hall Prentice Hall	Used: \$ 156.71 New: \$ 208.95 \$ 67.00	A calculator that has log, ln, 10x (antilog), and ex functions.	NOTE: As a bundle: ISBN: 0321644867 – Bundled text and lab book; Cost: \$162.00
CHEM 113H	Honors Seminar for Introductory Chemistry	Spring 2010	Dr. Maria V. Schiza	No Textbook							
CHEM 188	Freshman Seminar in Chemistry	Fall 2009	Dr. Aimee L. Miller	Materials provided by department							
CHEM 205	The Molecular Basis of Color and Form- Chemistry in Art	Spring 2010	Dr. Patricia S. Hill	The Molecular Basis of Color and Form: Chemistry In Art, Lecture Notes The Molecular Basis of Color and Form: Chemistry In Art, Lab Manual Laboratory Goggles (MU Bookstore: **\$5) or Safety Glasses (Chemistry Department: \$3)							Available from Chemistry Department Available from Chemistry Department

CHEM 342	Physical Chemistry II	Spring 2010	Dr. Mark A. Iannone	Physical Chemistry <i>(Required)</i>		ISBN: 0-534-26658-4	David Ball	Thomson/Brooks/Cole	\$ 189.95		
CHEM 372/372H	The History of Chemistry and Society	Spring 2010	Dr. Robert K. Wismer	Printed lecture notes available from department							Available used on-line. Electronic copy available to borrow with \$10 deposit.
				The Development of Modern Chemistry (Chapters 3-21)		ISBN: 0-486-64235-6	Aaron J. Ihde	Dover Publications, Inc., New York, NY, 1984			
CHEM 375	Environmental Chemistry	Fall 2009	Dr. Jeremiah Mbindyo	Environmental Chemistry <i>(Required)</i>		ISBN: 9781429201469	Baird		Used: \$ 89.06 New: \$ 118.75		Combination Lock, Lab Goggles
				Environmental Chemistry Lab Book <i>(Required)</i>							Provided by Chemistry Department for \$7.00
CHEM 381	Polymer Chemistry I	Fall 2009	Dr. Mark A. Iannone	No Textbook							
				Contemporary Polymer Chemistry <i>(Recommended)</i>	3rd Edition	ISBN: 0130650560	Allcock, Lampe and Mark		\$ 149.00		
CHEM 391	Advanced Laboratory I	Fall 2009	Dr. Patricia S. Hill	Spectrophotometric Identification of Organic Compounds	7th Edition	ISBN 0-471-39362-2	Robert Silverstein, Francis Webster, David Kiemel		Used: \$ 113.06 New: \$ 150.75		
				Combination lock for laboratory drawer					\$ 5.00		Available from ACS Student Affiliates (Caputo 330)
				Permanently bound, composition style laboratory notebook, quadrille ruled							
				Laboratory Goggles (MU Bookstore: ~\$5) or Safety Glasses (Chemistry Department: \$3)							
CHEM 392	Advanced Laboratory II	Spring 2010	Dr. Edward Rajaseelan	No Textbook							
CHEM 435	Advanced Organic Chemistry	Spring 2010	Dr. Steven M. Bonser	The Art of Writing Reasonable Organic Reaction Mechanisms <i>(Required)</i>	2nd Edition	ISBN: 9780387954684	Grossman	Springer			
				<i>Additional Reading:</i> Advanced Organic Chemistry, Parts A and B			Carey and Sundberg				
				<i>Additional Reading:</i> Advanced Organic Chemistry, Reactions, Mechanisms and Structure			J. March				
CHEM 452	Inorganic Chemistry	Fall 2009	Dr. Edward Rajaseelan	Inorganic Chemistry <i>(Required)</i>	3rd Edition	ISBN: 0-13-035471-6	Miessler & Tarr	Pearson/Prentice Hall	Used: \$ 113.25 New: \$ 151.00		
CHEM 465	Analytical Chemistry	Spring 2010	Dr. Lyman H. Rickard	Principles of Instrumental Analysis <i>(Required)</i>	6th Edition		Skoog, Holler & Crouch				
				Permanently bound, composition style laboratory notebook, quadrille ruled							
				Laboratory Goggles (MU Bookstore: ~\$5) or Safety Glasses (Chemistry Department: \$3)							
CHEM 476	Environmental Chemistry II	Spring 2010	Dr. Jeremiah Mbindyo	Environmental Chemistry <i>(Required)</i>	9th ed., c.2009	ISBN: 9781420059205	Stanley Manahan	CRC press	\$ 79.96		Combination Lock, Lab Goggles
				Introduction to Physical Polymer Science <i>(Required)</i>	4th Edition	ISBN: 0471-70606-X	L. H. Sperling		\$ 115.00		Available from the department at a cost \$7.00
CHEM 482	Polymer Chemistry II	Spring	Dr. Mark A. Iannone	Introduction to Physical Polymer Science <i>(Required)</i>	4th Edition	ISBN: 0471-70606-X	L. H. Sperling		\$ 115.00		