

The College of Science is pleased to provide a selected list of courses and textbooks for the Spring 2007 Semester.

Information for **all** courses and book lists is **not** available at this time.

Students enrolled in College of Sciences courses may find the required and/or recommended textbooks and readings available from the Campus Bookstore, area bookstores, and online booksellers.

Book List for the College of Sciences-- Spring 2007

Subject	Course #	Section	Book Title	ISBN	Publisher	Instructor	Required/Recommended
SCHOOL OF LIFE SCIENCES							
Biogeography	490/690	1	Biogeography: Third Edition	0-87893-062-0	Sinauer	Riddle	Required
biol	493		Current Topics in Microbiology	None	Primary literature ONLY	Wing	
bio	796	4	Current Topics in Microbiology	None	Primary literature ONLY	Wing	
Herpetology	BIO 432/632	1	Halliday, T., and K. Adler. [Editors.] 2002. The Firefly Encyclopedia of Reptiles and Amphibians.	1-55297-613-0	Firefly Books, Buffalo, New York.	Javier Rodriguez	Required
Herpetology	BIO 432/632	1	Stebbins, R. C. 2003. A Field Guide to Western Reptiles and Amphibians, 3rd. edition.	0-395-98272-3	Houghton Mifflin Company, Boston, Massachusetts	Javier Rodriguez	Required
BIOL	437	1	The Insects: An Outline of Entomology, 3rd Ed.	1405111135	Blackwell Publishing	Roberts	Required
BIOL	437	1	How to Know the Insects, 3rd Ed.	697047520	WCB/McGraw-Hill.	Roberts	Required
Bio	425	1	Discovering Genomics, Proteomics and Bioinformatics	0-8053-8219-4	Benjamin Cummings	Jeff Shen	Required

BIO	414/614	1	TEXTBOOK OF ENDOCRINE PHYSIOLOGY, 5TH ED	0-19-516566-7	GRIFFIN & OJEDA	ELEKONICH	Required
BIO	300	1	GENETICS: FROM GENES TO GENOMES	0-07246248-5	HARTWELL	HOSHIZAKI	Required
			HUMAN GENETICS - CASE WORKBOOK	0-07284854-5	LEWIS	HOSHIZAKI	REQUIRED
Biol	196	1	Life The Science of Biology 7th edition	0-7167-9856-5	Sinauer/Freeman	Regner	Required
Biol	196L	1	Lab Manual for Biol 196	1-4292-0472-9	Sinauer/Freeman	Regner	Required
Biology	414	1	Textbook of Endocrine Physiology	0-19-516566-7	Oxford	Elekonich	required
BIOL	437	1	The Insects: An Outline of Entomology, 3rd Ed.	1405111135	Blackwell Publishing	Roberts	Required
BIOL	437	1	How to Know the Insects, 3rd Ed.	697047520	WCB/McGraw-Hill.	Roberts	Required
Bio	783	1	Communities and Ecosystems: Linking the Aboveground and Belowground Components	691074860	Princeton Univ. Press	Walker	Required
Neurobiology	BIOL457	1	Behavioral Neurobiology: The Cellular Organization of Natural Behavior, by Thomas J. Carew, HARDCOVER	878930841	Sinauer	de Belle	required
			Behavioral Neurobiology: The Cellular Organization of Natural Behavior, by Thomas J. Carew, PAPERBACK	878930922	Sinauer	de Belle	required
BIOL	418/618		Brock Biology of Microorganisms - Eleventh Edition	0-13-144329-1	Pearson	Hedlund	Required
CHEMISTRY							
CHEM	103	1	Basic Chemistry	0321012348	Pearson	TBD	Required
CHEM	103	2	Basic Chemistry	0321012348	Pearson	Orgill	Required
CHEM	105	1	Chemistry in Context	0073101591	McGraw Hill	Kotulski	Required
CHEM	106	1	Chemistry in Context - Laboratory Manual	0072828366	McGraw Hill	Kotulski	Required
CHEM	111	1/2	General, Organic, and Biological	0618606068	Houghton Mifflin	Tirri	Required

Chemistry							
CHEM	111L	All	Chemistry & Living Organism Lab Experiments	0471120774	Wiley	Tirri	Required
CHEM	121	1	Chemistry	0073101699	McGraw Hill	Johnson	Required
CHEM	121	2	Chemistry	0073101699	McGraw Hill	Steinberg	Required
CHEM	121L	All	General Chemistry Laboratory Manual	0757533337	Kendall Hunt	Staff	Required
			Laboratory Handbook General Chemistry	0495018902	Thomson	Staff	Recommended
CHEM	122	1/2	Chemistry	0073101699	McGraw Hill	Earl	Required
			Chemistry Student Solutions Manual	0072828439	McGraw Hill	Earl	Recommended
			Chemistry Student Study Guide	0072828447	McGraw Hill	Earl	Recommended
CHEM	122L	All	Catalyst	0536993653	Pearson	Staff	Required
			Introduction to Semimicro. Qualitative Analysis	0130462160	Pearson	Staff	Required
CHEM	242	1	Organic Chemistry	0534634966	Thomson	Han	Required
CHEM	242	2	Organic Chemistry	0534634966	Thomson	Bae	Required
CHEM	242L	All	Experiments in Organic Chemistry	0787274690	Kendall Hunt	Behnia	Required
CHEM	348	1	Introduction to Organic Laboratory Techniques	0495016306	Thomson	Behnia	Required
CHEM	422/622	1	Physical Chemistry	0716735393	VHPS	Naduvalath	Required
			Physical Chemistry Student Solutions Manual	0716743884	VHPS	Naduvalath	Recommended
CHEM	449/649	1	Contemporary Polymer Chemistry	0130650560	Prentice Hall	Lee	Required
CHEM	455/655	1	Principals of Instrumental Analysis	0030020786	Thomson	Hatchett	Required
CHEM	474	1	Biochemistry II	0716787245	VHPS	Spangelo	Required
CHEM	475	1	Biochemistry II	0716787245	VHPS	Carper	Required
CHEM	726	1	Advanced Organic Chemistry	0306462451	Plenum	Bhowmik	Required
Organic Chem II	CHEM 242	2	Organic Chemistry, 6th Ed, John McMurry, 2004	0-534-38999-6	Thomson Brooks/Cole	Chulsung Bae	Required
			Study Guide & Student Solution Manual	0-534-40934-2	Thomson Brooks/Cole	Chulsung Bae	Required
			ACS Organic Chemistry Exams	0-9708042:1-0	Chemistry Dept	Chulsung Bae	Recommended
			Schaum's outline "Theory and Problems of	0-07-134165-x	McGraw Hill	Chulsung Bae	Recommended

			Organic Chemistry				
CHE	110	1 & 2	General, Organic, and Biological Chemistry 4 Ed.	0-618-60606-8	Houghton Mifflin	Tirri	Required
			Lab: Lab Experiments: Chemistry and the Living Organism	0-471-12077-4	Wiley	Tirri	Required
GEOSCIENCE							
GEOL	102	1	Harold L. Levin, 2006, The Earth Through Time, 8th ed	10 0-471-69743-5	John Wiley and Sons, INC.,	Jiang	
			OR: Harold L. Levin, 2003, The Earth Through Time, 7th ed	0-470-00020-1	John Wiley and Sons, INC.,	Jiang	req
GEOL	462	1	Gary Nichols, 2004, Sedimentology and Stratigraphy	0-632-03578-1	Blackwell Publishing Company,	Jiang	Req
GEOL	471/671	1	Elements of Petroleum Geology	0-12-636370-6	Academic Press	Hanson	Required
GEOL	330	1	Principles and Applications of Geochemistry (2nd ed.)	0-02-336450-5	Prentice Hall	Papelis	Required
GEOL	GEOG 101	001	Geosystems	0-13-147540-1	Prentice Hall	Johnson	REQ
GEOL	GEOG 101	002	Geosystems	0-13-147540-1	Prentice Hall	Johnson	REQ
GEOL	GEOG 101	003	Geosystems	0-13-147540-1	Prentice Hall	Johnson	REQ
GEOL	GEOG 101	004	Geosystems	0-13-147540-1	Prentice Hall	Staff	REQ
GEOL	GEOG 101	005	Geosystems	0-13-147540-1	Prentice Hall	Staff	REQ
GEOL	GEOG 101	210	Geosystems	0-13-153117-4	Prentice Hall	Bosselman	REQ
GEOL	GEOG 101	211	Geosystems	0-13-153117-4	Prentice Hall	Bosselman	REQ
GEOL	GEOG 101	290	Geosystems	0-13-153117-4	Prentice Hall	Bosselman	REQ

GEOL	GEOG 102X	001	Applications & investigation in Earth Science Lab Manual	0-13-149754-4	Tarback 5th ed	Staff	REQ
GEOL	GEOG 390	001	Meteorology Today	0-534-39771-8	Cole	Green	
GEOL	GEOL 101	001	How does Earth Work	0-13-034129	Prentice Hall	Simon	REQ
GEOL	GEOL 101	002	How does Earth Work	0-13-034129	Prentice Hall	Staff	REQ
GEOL	GEOL 101	003	How does Earth Work	0-13-034129	Prentice Hall	Hanson	REQ
GEOL	GEOL 101	004	How does Earth Work	0-13-034129	Prentice Hall	Johnson	REQ
GEOL	GEOL 101	005	How does Earth Work	0-13-034129	Prentice Hall	Shields	REQ
GEOL	GEOL 101D	D01	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D02	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D03	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D04	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D05	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D06	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D07	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D08	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D09	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D10	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D11	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D12	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D13	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D14	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D15	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D16	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D17	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 101D	D18	Exploring Planet Earth	0-7575-0243-1	K/H	Staff	REQ
GEOL	GEOL 102	001	The Earth Through Time	9 0-471-69743-5	Wiley	Jiang	REQ
GEOL	GEOL 102L	L01	No book req			Jiang	
GEOL	GEOL 102L	L02	No book req			Jiang	
GEOL	GEOL 120	001	Natural Disaster	0-07-252809-5	McGrawHill	Johnson	REQ
GEOL	GEOL 120	002	Natural Disaster	0-07-252809-5	McGrawHill	Staff	REQ
GEOL	GEOL 120	003	Natural Disaster	0-07-252809-5	McGrawHill	Johnson	REQ
GEOL	GEOL 120	2nd book	WORK BOOK	0-7575-3037-1	Kendal/Hunt	Staff	REQ

GEOL	GEOL 126	001	The Mamhattan Project, Rocks of Ages/The Nemesis Affair	0-345-45040-X/ 0-393-31918-1	Balltine/Norton	Rowland	REQ
GEOL	GEOL 221	1	Introduction to Opitical Mineralogy	0-19-506024-4		Simon	REQ
GEOL	GEOL 330	1	Principles and Applications of Geochemistry (2nd ed.)	0-02-336450-4	Prentice Hall	Papelis	REQ
GEOL	GEOL 333	001	Surface Processes and Landforms	138609585	Prentice Hall	Lachniet	REQ
GEOL	GEOL 333L	L01	Interpretation of Landforms from Topographic Maps and Air Photographs Laboratory Manual.	1-57766-481-6	Waveland press	Lachniet	REQ
GEOL	GEOL 430	001	A Visual Approach	0-7668-2764-X	Onward Press	McLaurin	REQ
GEOL	GEOL 437	001	Earths Climate Past & Future	0-7167-3741-7	Freeman	Lachniet	REQ
GEOL	GEOL 462	001	principles and Applications of Geochemistry (2nd ed.)	0-632-03578-0	Blackwell	Jiang	Req
GEOL	GEOL 471	001	Elements of Petroleum Geology	0-12-636370-5		Hanson	
GEOL	GEOL 630	001	A Visual Approach	0-7668-2764-X	Onward Press	McLaurin	REQ
GEOL	GEOL 637	001	Earths Climate Past & Future	0-7167-3741-7	Freeman	Lachniet	
GEOL	GEOL 646	01	GIS Fundamentals	0-134-89733-0	Prentice Hall	Snelson	
GEOL	GEOL 671	001	Elements of Petroleum Geology	0-12-636370-5		Hanson	REQ
GEOL	GEOL 719	003	Geostatistics for Natural Resources Evaluation	0-195-11538-2		Young	
GEOL	GEOL 796	001	Geomorphic Responses to Climatic Change1991 & Landforms of the Basin & Range Province, Defined for Soil Survey, 1981, Technical Bulletin 28, Nevada Agricultural Experiment Station	0-19-505570-5 for Bull book	Oxford University Press / University of Nevada Reno.	Buck	REQ
MATH							
Math	365	1?	Introduction to Linear Algebra, 5th ed	020265893	addison wesley	bellomo	required
MATH	431		Advanced Engineering Mathematics (author: Kreyszig)	0-471-48885-2	Wiley	Kern	Required
HON-MATH	181	1	Calculus: Early Transcendentals (author: Stewart)	0-5345-39321-7	Brooks/Cole	Kern	Required
Math	428	1	Elementary Diff Eqns and Boundary Values Probelems		Wiley	Bhatnagar	Required

MATH	789	1	Nonlinear Partial Differential Equations	0-8176-4323-0	Birkhauser	Zhonghai Ding	REQUIRED
Math	95	210 & 290	Beg. Algebra Package	0618278052	HM	Staff	RQ
Math	96	210 & 290	Int. Algebra Package	061830097X	HM	Staff	RQ
Math	120	1-10, 12-19, 22,24, 210-212,290, 701-702	Thinking Mathematically, custom edition W07	0536341109	Pearson Custom Publishing	Staff	RQ
Math	122	2-3	Math.F/Elementary Teachers Text	0471662933	Wiley	Staff	RQ
		210 & 290	Prob.Solv..Math.F/Elem.Sch..Stud.Soln (9th)	0321331265	Pearson	Staff	RQ
			Prob.Solv..Math.F/Elem.Sch.Teachers (9th)	0321442326	Pearson		RQ
			Mymathlab student access kit	032119991X	Pearson		RQ
Math	123	1 & 3	Math.F/Elementary Teachers Text (7th Edition)	0471662933	Wiley	Staff	RQ
Math	123	210 & 290	Prob.Solv..Math.F/Elem.Sch..Stud.Soln (9th)	0321331265	Pearson	Staff	RQ
			Prob.Solv..Math.F/Elem.Sch.Teachers (9th)	0321442326	Pearson		RQ
			Mymathlab student access kit	032119991X	Pearson		RQ
Math	124	1-30,210-213,290,701	College Algebra Custom UNLV Ed 2006	0536983194	Pearson	Staff	RQ
Math	126	1-4, 7-12	Precalculus w/CD+ILRN	0495131482	Thomson	Staff	RQ

		14-18, 210	Precalculus-Stud.Soln.Man.	0534402143	Thomson		RQ
		290	Precalculus Text	0006930263	Thomson		RQ
			Precalculus W/CD	0534402127	Thomson		RQ
Math	127	1-10, 210	Precalculus-Stud.Soln.Man.	0534402143	Thomson	Staff	RQ
		290	Precalculus W/CD	0534402127	Thomson		RQ
Math	128	1-3	Precalculus w/CD	0534402127	Thomson	Staff	RQ
			Precalculus Stud.Soln.Man.	0534402143	Thomson		RQ
Math	181	1-2, 4-10	Calculus, Early Transcendentals w/2 CD's	0534393217	Thomson	Staff	RQ
		210 & 290	Single Var.Calc.,Early..-stud.Soln.Man.	0534393330	Thomson	Staff	RQ
Math	182	1-4, 6, 8	Calculus, Early Transcendentals w/2 CDs	053393217	Thomson	Staff	RQ
			Single Var.Calc., Early..-Stud.Soln.Man.	0534393330	Thomson	Staff	RQ
Math	251	1-2	Mathematics - A Discrete Introduction	0534398987	Brooks Cole	Staff	RQ
Math	283	1-4	Calculus, Early Transcendentals-W/2 CDs	0534393217	Thomson	Staff	RQ
			Multivariable Calculus-Stud.Soln.Man.	0534393608	Thomson	Staff	RQ
			Single Var.Calc.,Early..-Stud.Soln.Man.	0534393330	Thomson	Staff	RQ
Math	314	1	Mathematics and Its History	0387953361	Springer	Staff	RQ
Math	330	1	Intro to Linear Algebra & Sol Man	032114340X	Pearson	Staff	RQ
Math	365	1	Intro to Linear Algebra, 5th Edition	0201658593	Addison/Wesley	Staff	RQ
Math	428	1	The History of Mathematics	0471444596	Wiley	Staff	RQ
Math	431	1-2	Adv. Eng. Math	0471488852		Staff	RQ
Math	451/651	1	Mathematical Logic	0387942580	Springer	Staff	RQ
Math	456/656	1	Elementary Number Theory, 6th	0073051888		Staff	RQ

			Edition				
Math	459/659	1	First Course in Complex Analysis w/application	0763714372		Staff	RQ
Math	480/680	1	A Survey of Classical & Modern Geometries	013143189	Prentice Hall	Staff	RQ
Math	484/684	1	Topology	0131816292		Staff	RQ
Math	701	1	The Higher Infinite: Large Cardinals in Set Theory from Their Beginnings	3540003843	Springer	Staff	RQ
Math	709	1	Function of a Complex Variab. Theory & Prac.	0898715954	Siam	Staff	RQ
Math	714	1	The History of Mathematics	0471444596	Wiley	Staff	RQ
Math	723	1	Diff. Equation in Math Biology	1584882964		Staff	RQ
Math	766	1	Finite Element Methods & Their Appl.	3540240780	Springer	Staff	RQ
			Finite Element Method F/Elliptic Prob.	0898715148	Siam	Staff	RQ
Math	789	1	Nonlinear Partial Differential Equations	0817643230	Birkhouses	Staff	RQ
Stat	391	1-3	Biostatistics	0471456543		Staff	RQ
Stat	463/663	1	Statistics for Engineers & Sci. w/CD	0073107670	MCG	Staff	RQ
Stat	763	1	Introduction to Regression Analysis	1853126241	WIT Press	Staff	RQ
Stat	789	1-2	Statistical Consulting	0387988637	Springer	Staff	RQ
Stat	763	1	Introduction to Regression Analysis	1853126241	WIT Press	Staff	
Stat	789	1-2	Statistical Consulting	0387988637	Springer	Staff	
PHYSICS & ASTRONOMY							
AST	103	1	The Cosmic Perspective	0-8053-9269-6	Benjamin Cummings	Rhee	Required
AST	104	1	The Cosmic Perspective	0-8053-9269-6	Benjamin Cummings	Proga	Required

AST	104	2,3	The Cosmic Perspective	0-8053-9269-6	Benjamin Cummings	Zhang	Required
AST	104	4	The Cosmic Perspective	0-8053-9269-6	Benjamin Cummings	Nagamine	Required
AST	105		Guide to Astronomy	0-7-8729469-1	Kendall/Hunt	Smith	Required
AST	714	1	The Physics of Astrophysics, Vol. II: Gas Dynamics	0-935702-65-2	Univ. Science Books	Proga	Required
			Astrophysics of Gaseous Nebulae and Active Galactic Nuclei	1-891389-34-3	Univ. Science Books		Required
PHYS	151	1	College Physics, Vol. 1 (Chs. 1-16):8/e	0-8053-9214-9	Addison-Wesley	Pravica	Required
PHYS	151	2	Physics	0-471-66315-8	Wiley	Kwong	Required
PHYS	151	3	Physics	0-471-66315-8	Wiley	Hurst	Required
PHYS	151	4	Physics	0-471-66315-8	Wiley	Hurst	Required
PHYS	151L	L01-L12	Physics - Laboratory Manual	0-0-3024561-3	Thomson	Staff	Required
PHYS	152	1	Physics	0-470-05106-X	Wiley	Pang	Required
PHYS	152	2	College Physics, Vol. 2 (Chs. 17-30):8/e	0-8053-9215-7	Addison-Wesley	Farley	Required
PHYS	152	3	Physics	0-470-05106-X	Wiley	Stucke	Required
PHYS	152L	L01-L09	Physics - Laboratory Manual	0-0-3024561-3	Thomson	Staff	Required
PHYS	180	1	Physics, V.1	0-471-32057-9	Wiley	Chen	Required
			Physics - Stud. Solutions Manual	0-471-39829-2	Wiley		Recommended
			Physics - Study Guide	0-471-39830-6	Wiley		Recommended
PHYS	180	2	Physics for Scientists and Engineers, V. 1	0-8-0538963-6	Pearson	Zygelman	Required
			Physics - Stud. Solutions Manual	0-8-0538708-0	Pearson		Recommended
			Physics - Student Workbook	0-8-0538965-2	Pearson		Recommended
PHYS	180L	1 thru 6	Physics - Laboratory Manual	0-0-3024561-3	Thomson	Staff	Required
PHYS	181	1	Physics for Scientists and Engineers, V. 4	0-8-0538972-5	Pearson	Zane	Required
			Physics - Stud. Solutions Manual	0-8-0538998-9	Pearson		Recommended

PHYS	181L	1 thru 3	Physics - Laboratory Manual	0-0-3024561-3	Thomson	Staff	Required
PHYS	182	1	Physics for Sci. & Engr, Vol. 2, 3, 5 pk	0-3-2143383-1	Pearson	Cornelius	Required
PHYS	182L	1 thru 3	Physics - Laboratory Manual	0-0-3024561-3	Thomson	Staff	Required
PHYS	414/614	1	Practical Guide to Data Analysis for Physical Sci. Stud.	0-5-2142463-1	Cambridge	Shelton	Required
			Experiments in Modern Physics	0-12-489851-3	Elsevier		Required
			Art of Experimental Physics	0-471-84748-8	Wiley		Required
PHYS	422/622	1	Electromagnetic Fields	0-471-81186-6	Wiley	Selser	Required
PHYS	424/624	1	Classical Dynamics of Particles and Systems	0-5-3440896-6	Thomson	Spight	Required
PHYS	442/642	1	Partial Differential Equations for Sci. & Eng.	0-486-67620-X	Dover	Zane	Required
PHYS	482/682	1	Introduction to Quantum Mechanics	0-1-3111892-7	Pearson	Spight	Required
PHYS	483/683	1	Fundamentals of Crystallography	0-19-850958-8	Oxford Univ. Press	Tschauner	Recommended
PHYS	712	1	Classical Electrodynamics	0-471-30932-X	Wiley	Lepp	Required
PHYS	723	1	Introductory Quantum Optics	0-521-52735-X	Cambridge	Shelton	Required
PHYS	771	1	Quantum Computaion & Quantum Information	0-521-63503-9	Cambridge	Zygelman	Required
			Mathematica for Students 5 (software)		Wolfram Research		Recommended