

**2008-09 COURSE MATERIALS FEES**

Course Materials Fees policy - <http://manuals.ucdavis.edu/ppm/330/330-86.htm>

College/School	Department	Course	Course Title	Fee	Expires		
Agricultural and Environmental Sciences	Agriculture & Resource Economics	ARE 293	Analysis of California Agriculture & Resources	\$ 54	6/30/2010		
	Animal Science	ANG 101	Animal Cytogenetics	\$ 55	6/30/2010		
		ANG 111	Molecular Biology Laboratory Techniques	\$ 55	6/30/2010		
		ANS 001	Domestic Animals & People	\$ 15	6/30/2010		
		ANS 002	Introductory Animal Science	\$ 9	6/30/2010		
		ANS 018	Introductory Aquaculture	\$ 10	6/30/2010		
		ANS 021	Livestock & Dairy Cattle Judging	\$ 31	6/30/2010		
		ANS 022A	Animal Evaluation	\$ 20	6/30/2010		
		ANS 041L	Domestic Animal Production Laboratory	\$ 55	6/30/2010		
		ANS 115	Advanced Horse Production	\$ 17	6/30/2010		
		ANS 120L	Meat Science Laboratory	\$ 33	6/30/2010		
		ANS 131	Reproduction & Early Development in Aquatic Animals	\$ 55	6/30/2010		
		ANS 136	Techniques & Practices of Fish Cultures	\$ 45	6/30/2010		
		ANS 137	Animal Biochemistry Laboratory	\$ 55	6/30/2010		
		ANS 140	Management of Laboratory Animals	\$ 55	6/30/2010		
		ANS 141	Equine Enterprise Management	\$ 16	6/30/2010		
		ANS 143	Pig & Poultry Care & Management	\$ 36	6/30/2010		
		ANS 144	Beef Cattle & Sheep Production	\$ 42	6/30/2010		
		ANS 146	Dairy Cattle Production	\$ 55	6/30/2010		
		ANS 147	Dairy Processing & Marketing	\$ 55	6/30/2010		
		AVS 011	Introduction to Poultry Science	\$ 14	6/30/2010		
		AVS 013	Birds, Humans, & the Environment	\$ 9	6/30/2010		
		AVS 016L	Raptor Migration & Population Fluctuations	\$ 55	6/30/2010		
		AVS 115L	Raptor Biology	\$ 17	6/30/2010		
		MCP 200L	Animal Cell Culture Laboratory	\$ 55	6/30/2010		
		NPB 121L	Physiology of Reproduction Laboratory	\$ 55	6/30/2010		
		NUT 115	Animal Foods and Nutrition	\$ 48	6/30/2010		
		NUT 122	Ruminant Nutrition & Digestive Physiology	\$ 12	6/30/2010		
		ANS 129	Environmental Stewardship in Animal Production Systems	\$ 27	6/30/2011		
		ANS 49F	Animal Management Practices	\$ 21	6/30/2011		
		Biological & Agricultural Engineering	ABT	16	Metal Properties & Fabrication	\$ 55	6/30/2010
				49	Field Equipment Operation	\$ 26	6/30/2010
				52	Field Equipment Welding	\$ 55	6/30/2010
				233	Pest Control Practices	\$ 55	6/30/2010
			Entomology	ENT 001	Arts, Science & the World of Insects	\$ 49	6/30/2011
				ENT 100L	General Entomology	\$ 20	6/30/2010
				ENT 107	California Insect Diversity	\$ 55	6/30/2010
	ENT 156L			Biology of Parasitism Laboratory	\$ 55	6/30/2010	
	ENT 158	Forensic Entomology	\$ 55	6/30/2010			

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Agricultural and Environmental Sciences cont.	Environmental Design-Landscape Architecture	LDA	021 Landscape Drafting & Visualization	\$ 16	6/30/2010
		LDA	023 Computer Graphics for Landscape Architecture	\$ 16	6/30/2010
		LDA	050 Site Ecology	\$ 16	6/30/2010
		LDA	060 Technology 1: Grading & Drainage	\$ 16	6/30/2010
		LDA	061 AutoCAD for Landscape Architects	\$ 16	6/30/2010
		LDA	070 Basic Landscape Design Studio	\$ 16	6/30/2010
		LDA	120 Advanced Computer Applications	\$ 16	6/30/2010
		LDA	150 GIS for Land Planners	\$ 16	6/30/2010
		LDA	160 Technology 2: Construction Materials & Detailing	\$ 16	6/30/2010
		LDA	161 Technology 3: Professional Practice & Construction Documents	\$ 16	6/30/2010
		LDA	170 Field Studio in Landscape Architecture	\$ 16	6/30/2010
		LDA	181A Postmodern Landscape Design & Planning Studio	\$ 16	6/30/2010
		LDA	181C Art of the Environment Design & Planning Studio	\$ 16	6/30/2010
		LDA	181F Landscape Ecology & Design Planning Studio	\$ 16	6/30/2010
		LDA	181G Landscape & Regional Land Planning Studio	\$ 16	6/30/2010
		LDA	181H The Bioregional Landscape Design & Planning Studio	\$ 16	6/30/2010
		LDA	181I Regenerative Landscape Systems Design & Planning Studio	\$ 16	6/30/2010
		LDA	181J Community Participation in Design: Design & Planning Studio	\$ 16	6/30/2010
		LDA	181K Social Factors in Landscape Architecture: Design & Planning Studio	\$ 16	6/30/2010
		LDA	181L Public Open Space Design & Planning Studio	\$ 16	6/30/2010
		LDA	181M Urban & Community Design: Design & Planning Studio	\$ 16	6/30/2010
		LDA	181N Planting Design & Planning Studio	\$ 16	6/30/2010
		LDA	181O Current Issues Design & Planning Studio	\$ 16	6/30/2010
		LDA	181P Water in Community Planning & Design	\$ 16	6/30/2010
		LDA	181Q Historic Preservation	\$ 16	6/30/2010
		LDA	191 Workshop in Landscape Architecture	\$ 16	6/30/2010
		LDA	193A Senior Project in Landscape Architecture	\$ 8	6/30/2011
	LDA	193B Senior Project in Landscape Architecture	\$ 24	6/30/2011	
	Environmental Science & Policy	ECL	214 Marine Ecology: Concepts & Practice	\$ 15	6/30/2010
		ESP	123 Introduction to Field & Laboratory Methods in Ecology	\$ 50	6/30/2010
		ESP	151L Limnology Laboratory	\$ 55	6/30/2010
		ESP	155L Wetland Ecology Laboratory	\$ 50	6/30/2010
	Environmental Toxicology	ETX	102B Quantitative Analysis of Environmental Toxicants	\$ 55	6/30/2010
ETX		103B Biological Effects of Toxicants: Experimental Approaches	\$ 55	6/30/2010	
ETX		220L Analysis of Toxicants Laboratory	\$ 55	6/30/2010	
ETX		228 Gas Chromatography/Mass Spectrometry of Toxic Chemicals	\$ 55	6/30/2010	
Food Science	FST	047 Food Product Development Field Study	\$ 10	6/30/2010	
	FST	101A Food Chemistry Laboratory	\$ 55	6/30/2010	
	FST	101B Food Properties Laboratory	\$ 55	6/30/2010	

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<b>Agricultural and Environmental Sciences cont.</b>	Food Science	FST 102B	Practical Malting & Brewing Laboratory	\$ 55	6/30/2010	
		FST 103	Food Analysis Laboratory	\$ 55	6/30/2010	
		FST 104L	Microbiology Laboratory	\$ 55	6/30/2010	
	Food Science	FST 123L	Enzymology Laboratory	\$ 54	6/30/2010	
	Land, Air & Water Resources	ERS 108	Environmental Monitoring	\$ 55	6/30/2010	
		HYD 134	Aqueous Geochemistry	\$ 55	6/30/2010	
		PLB 158	Nutrition of Plants	\$ 55	6/30/2010	
		SSC 107	Soil Physics	\$ 53	6/30/2010	
		SSC 109	Nutrition Cycling & Management	\$ 55	6/30/2010	
		SSC 111	Soil Microbiology	\$ 49	6/30/2010	
		SSC 120	Soil Genesis, Morphology, & Classification	\$ 55	6/30/2010	
		SSC 100	Principles of Soil Science	\$ 30	6/30/2010	
		HYD 151	Field Methods in Hydrology	\$ 55	6/30/2011	
		Nematology	ABI 50A	Animal Biology Laboratory	\$ 24	6/30/2011
		Nutrition	FSM 120L	Quantity Food Production Laboratory	\$ 19	6/30/2010
			NUT 112	Nutritional Assessment: Dietary, Anthropometric & Clinical Ma	\$ 30	6/30/2010
			NUT 116A	Clinical Nutrition Practicum	\$ 6	6/30/2010
	NUT 117		Experimental Nutrition	\$ 40	6/30/2010	
	Plant Pathology	PLP 120	Introduction to Plant Pathology	\$ 55	6/30/2010	
		PLP /PLB 148	Introduction to Mycology	\$ 55	6/30/2010	
	Plant Science	ENH 100	Urban Forestry	\$ 25	6/30/2011	
		ENH 125	Greenhouse & Nursery Crop Production	\$ 55	6/30/2010	
		ENH 129	Analysis of Horticultural Problems	\$ 15	6/30/2010	
		ENH 133	Woody Plants in the Landscape: Growth, Ecology, & Managem	\$ 5	6/30/2010	
		ENH 229	Analysis of Horticultural Problems	\$ 15	6/30/2010	
		PLB 001	Plants for Garden, Orchard, & Landscape	\$ 21	6/30/2010	
		PLB 147	Survey of Plant Communities of California	\$ 55	6/30/2010	
		BIT 161A	Plant Genetics & Biotechnology Laboratory	\$ 55	6/30/2010	
		BIT 161B	Plant Genetics & Biotechnology Laboratory	\$ 55	6/30/2010	
		PLB 171	Plant Propagation	\$ 30	6/30/2011	
		PLB 173	Biological Applications in Fruit Tree Management	\$ 25	6/30/2011	
		PLB 174	Biological Applications in Fruit Tree Production	\$ 10	6/30/2010	
		PLS 001	Agriculture, Nature & Society	\$ 10	6/30/2010	
		PLS 005	Plans for Garden, Orchard, and Landscaping	\$ 18	6/30/2011	
		PLS 002	Botany & Physiology of Cultivated Plants	\$ 30	6/30/2011	
		PLS 010	Fruits & Nuts of California & the World	\$ 10	6/30/2010	
		PLS 110C	Crop Management Systems for Vegetable Production	\$ 55	6/30/2011	
	PLS 170A	Fruit & Nut Cropping Systems	\$ 55	6/30/2011		
	PLS 170B	Fruit & Nut Cropping Systems	\$ 38	6/30/2011		

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<b>Agricultural and Environmental Sciences cont.</b>	Plant Science	PLS 211	Principles & Practices of HPLC	\$ 35	6/30/2011
	Science & Sociology	SAS 005	Career Discovery Seminar	\$ 36	6/30/2010
		SAS 041	Art, Science & the World of Plants	\$ 40	6/30/2010
		SAS 40	Photography: Bridging Art & Science	\$ 50	6/30/2010
		SAS 42	Earth, Water, Science & Song	\$ 47	6/30/2010
		Textiles & Clothing	FPS 161L	Textiles Chemical Analysis Laboratory	\$ 55
	FPS 180A		Introduction to Research in Fiber & Polymer Science	\$ 55	6/30/2010
	TXC 006		Introduction to Textiles	\$ 15	6/30/2010
	TXC 162L		Textile Fabrics Laboratory	\$ 10	6/30/2010
	TXC 163L		Textiles Coloration & Finishing Laboratory	\$ 30	6/30/2010
	Viticulture & Enology	VEN 123L	Analysis of Musts and Wines	\$ 40	6/30/2010
		VEN 124L	Wine Processing	\$ 40	6/30/2010
		VEN 125L	Wine Sensory Analysis	\$ 40	6/30/2010
		VEN 126L	Wine Stability	\$ 40	6/30/2010
		VEN 128L	Wine Microbiology	\$ 40	6/30/2010
	Wildlife, Fish & Conservation Biology	WFC 100	Field Methods in Wildlife, Fish & Conservation Biology	\$ 35	6/30/2010
		WFC 101L	Wildlife Ecology	\$ 55	6/30/2010
		WFC 102L	Field Studies in Fish Biology	\$ 55	6/30/2010
		WFC 121	Physiology of Fishes	\$ 44	6/30/2010
		WFC 111L	Ecology and Conservation of Wild Birds	\$ 32	6/30/2011
		WFC 136	Ecology and Managemtn of Waterfowl and Game Birds	\$ 36	6/30/2011
		WFC 155	Habitat Conservation and Restoration	\$ 30	6/30/2011
		WFC 156	Plant Geography	\$ 25	6/30/2011
		WFC 157	Coastal Ecosystems	\$ 35	6/30/2011

<b>Engineering</b>	Mechanical & Aeronautical Engineering	ECH 155A	Chemical Engineering Lab	\$ 25	6/30/2009
		ECH 155B	Chemical Engineering Lab	\$ 30	6/30/2009
		ECH 161L	Bioprocess Engineering Lab	\$ 32	6/30/2009
		EMS 162L	Structure and Characterization of Materials	\$ 32	6/30/2009
		EMS 172L	Electrical & Magnetic Properties of Materials	\$ 32	6/30/2009
		EMS 174L	Mechanical Properties of Materials	\$ 32	6/30/2009
		ENG 45	Properties of Materials	\$ 20	6/30/2009
		EME 050	Manufacturing Processes	\$ 30	6/30/2010
		Biomedical Engineering	BIM 111	Biomedical Instrumentation Laboratory	\$ 30
	BIM 161L		Biomolecular Engineering Laboratory	\$ 50	6/30/2010
	BME 110A		Capstone Design	\$ 40	6/30/2011

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Engineering, cont.	Biomedical Engineering	BME 110B	Capstone Design	\$ 40	6/30/2011
<b>Biological Sciences</b>	Biological Sciences Evolution & Ecology	BIS 1B	Introductory Biology	\$ 22	6/30/2009
		BIS 2B	Introductory Biology	\$ 22	6/30/2009
		EVE 105	Phylogenetic Analysis of Vertebrate Structure	\$ 40	6/30/2009
		EVE/PLB 108	Systematics and Evolution of Angiosperms	\$ 38	6/30/2009
		EVE 112L	Laboratory for Invertebrate Zoology	\$ 55	6/30/2009
		EVE 115	Marine Ecology	\$ 13	6/30/2009
		EVE/PLB 117	Plant Ecology	\$ 40	6/30/2009
		EVE/PLB 119	Population Biology of Weeds	\$ 38	6/30/2009
		EVE 134F	Field Herpetology	\$ 55	6/30/2009
		EVE 134L	Herpetology Laboratory	\$ 30	6/30/2009
		EVE 140	Paleobotany	\$ 38	6/30/2009
		EVE 180A	Experimental Ecology & Evolution	\$ 55	6/30/2009
		EVE 180B	Experimental Ecology & Evolution	\$ 55	6/30/2009
		Exercise Biology	EXB 111	Environmental Effects o Physical Performance	\$ 42
	EXB 112		Clinical Exercise Physiology	\$ 16	6/30/2009
	EXB 148L		Adult Fitness Testing Laboratory	\$ 55	6/30/2009
	Microbiology	MIC 102L	General Bacteriology Laboratory	\$ 50	6/30/2009
		MIC 105L	Bacterial Diversity	\$ 55	6/30/2009
		MIC 155L	Bateriology Physiology Laboratory	\$ 55	6/30/2009
		MIC 101	Introductory Microbiology	\$ 40	6/30/2011
	Molecular & Cell Biology	MCB 120L	Biochemistry laboratory	\$ 55	6/30/2009
		MCB 140L	Cell Biology Laboratory	\$ 55	6/30/2009
		MCB 150L	Laboratory in Vertebrate Embryology	\$ 55	6/30/2009
	Neurobiology, Physio & Behavior	MCB 160L	Principles of Genetics Laboratory	\$ 55	6/30/2009
		NPB 101L	Systemic Physiology Laboratory	\$ 21	6/30/2009
		NPB 104L	Cellular Physiology/Neurobiology Laboratory	\$ 55	6/30/2009
	Neurobiology, Physio & Behavior	NPB 111L	Advanced Systemic Physiology Laboratory	\$ 55	6/30/2009
	Plant Biology	BIS 1C	Introductory Biology	\$ 22	6/30/2010
		PLB 102	California Floristics	\$ 38	6/30/2009
		PLB 105	Developmental Plant Anatomy	\$ 38	6/30/2009
		PLB 116	Plant Morphology and Evolution	\$ 38	6/30/2009
		PLB 118	Introductory Phycology and Bryology	\$ 55	6/30/2009
BIS 2C		Introduction to Plant Biology	\$ 22	6/30/2011	

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Biological Sciences cont	CBS - SVM*	APC/NPB 100/123	Comparative Vertebrate Organology	\$ 55	6/30/2009
		PMI 126L	Immunology Laboratory	\$ 55	6/30/2009
	CBS - SVM*	PMI 127	Medical Microbiology	\$ 55	6/30/2009
		CBS - SOM*	CHA 101	Human Gross Anatomy	\$ 4
	CHA 101L		Human Gross Anatomy Laboratory	\$ 36	6/30/2009
	MMI 115		Ecological Parasitology	\$ 44	6/30/2011
	MMI 116		Parasitology for Wildlife Biologists	\$ 38	6/30/2011
	MMI 188		Human Immunology	\$ 34	6/30/2011

\*Joint courses with the College of Biological Sciences (CBS) and the School of Veterinary Medicine (SVM) and School of Medicine (SOM).

Letters and Science	Art Studio	Art 9	Beginning Photography	\$ 55	6/30/2009
		Art 111A	Advanced Wet Photography	\$ 55	6/30/2009
		Art 129	Intermediate Printmaking	\$ 40	6/30/2009
		Art 146	New Issues in Contemporary Ceramics	\$ 55	6/30/2009
		Art 128	Printmaking: Serigraphy	\$ 55	6/30/2009
		Art 11	Beginning Printmaking	\$ 55	6/30/2009
		Art 111B	Advanced Digital Photography	\$ 50	6/30/2009
		Art 2	Beginning Drawing	\$ 55	6/30/2010
		Art 4	Beginning Figure Drawing	\$ 50	6/30/2010
		Art 5	Beginning Sculpture	\$ 55	6/30/2010
		Art 7	Beginning Painting	\$ 55	6/30/2010
		Art 8	Beginning Ceramics	\$ 55	6/30/2010
		Art 101	Intermediate Painting	\$ 55	6/30/2010
		Art 102A	Advanced Painting	\$ 55	6/30/2010
		Art 102B	Advanced Painting Figure	\$ 55	6/30/2010
		Art 102C	Advanced Painting Special Topics	\$ 55	6/30/2010
		Art 103A	Intermediate Drawing Black & White	\$ 55	6/30/2010
		Art 103B	Intermediate Drawing Color	\$ 55	6/30/2010
		Art 104	Life Drawing & Painting	\$ 55	6/30/2010
		Art 105A	Advanced Drawing Studio Projects	\$ 55	6/30/2010
		Art 105B	Advanced Drawing Figure	\$ 55	6/30/2010
		Art 110A	Intermediate Wet Photography	\$ 55	6/30/2009
		Art 110B	Intermediate Digital Photography	\$ 55	6/30/2009
		Art 125A	Intermediate Printmaking Relief	\$ 55	6/30/2010
		Art 125B	Intermediate Printmaking Intaglio	\$ 55	6/30/2010
		Art 125C	Intermediate Printmaking Lithography	\$ 55	6/30/2010
		Art 125D	Intermediate Printmaking Serigraphy	\$ 55	6/30/2009
		Art 126	Printmaking Intaglio	\$ 55	6/30/2010
		Art 127	Printmaking Litho	\$ 55	6/30/2010
		Art 138	The Artists Book	\$ 55	6/30/2010
		Art 141	Sculpture Material Explorations	\$ 55	6/30/2010

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<b>Letters and Science</b>					
<b>cont.</b>					
	Art	142A	Intermediate Ceramics Sculpture Mold Work	\$ 55	6/30/2010
	Art	142B	Intermediate Ceramics Sculpture Clay, Glaze, Kiln	\$ 55	6/30/2010
	Art Studio	143A	Advanced Ceramics Sculpture Studio Projects	\$ 55	6/30/2010
	Art	143B	Advanced Ceramics Sculpture Issues in Contemporary Ceramics	\$ 55	6/30/2010
	Art	151	Intermediate Sculpture	\$ 55	6/30/2010
	Art	152A	Advanced Sculpture Studio Projects	\$ 55	6/30/2010
	Art	152B	Advanced Sculpture Materials Exploration	\$ 55	6/30/2010
	Art	152C	Advanced Sculpture Concepts	\$ 55	6/30/2010
	Art	152D	Advanced Sculpture Metals	\$ 55	6/30/2010
	Art	152E	Advanced Sculpture Site Specific Public Sculpture	\$ 55	6/30/2010
	Art	152F	Advanced Sculpture: Figure	\$ 55	6/30/2009
	Chemistry	CHE 2A	General Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 2B	General Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 2C	General Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 2AH	General Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 2BH	General Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 2CH	General Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 8B	Organic Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 118B	Organic Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 118C	Organic Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 129A	Organic Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 129B	Organic Chemistry	\$ 40	6/30/2009
	Chemistry	CHE 129C	Organic Chemistry	\$ 40	6/30/2009
	Physics	PHY 7A	General Physics	\$ 15	6/30/2009
	Physics	PHY 7B	General Physics	\$ 16	6/30/2009
	Physics	PHY 7C	General Physics	\$ 21	6/30/2009
	Psychology	PSY/NPB 124	Comparative Neuroanatomy	\$ 55	6/30/2011

Veterinary Medicine	Annual Cost for All Courses	\$ 2,140	6/30/2011
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Medicine	Annual Cost for All Courses	\$ 500	6/30/2010
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