

Spring 2010

Dpt:Crns	Section	Time	Days	Instructor	Bldg	Rm
870 EARTH SCIENCE						
LAB FEES ARE NOT REFUNDED AFTER THE SECOND WEEK OF CLASS.						
Earth Science Seminars are 4:00 Monday. Departmental majors should keep this time open.						
870:010	Astronomy - 3-4 hrs.					
	Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics. Lab Fee: \$5.00 with sections that have a lab.					
	Section 01, 02 and 03 are for 3 credit hours.					
	01	10:00	MWF	Hockey	LAT	125
	02	1:00	MWF	Hockey	LAT	125
	03	arr	arr	Morgan		
	Section 03 is offered online via eLearning. Students must have access to the Internet. Registration requires consent of Dr. Morgan, siobahn.morgan@uni.edu .					
	Sections 04, 05 and 06 have a lab and are 4 credit hours. Lab Fee: \$5.00.					
	04	2:00 + 6:00-7:50	MWF M eve	Morgan Even	LAT	125 101/208
	05	2:00 + 8:00-9:50	MWF M eve	Morgan Even	LAT	125 101/208
	06	2:00 + 8:00-9:50	MWF T eve	Morgan Even	LAT	125 101/208
870:011	Astronomy Laboratory - 1 hr.					
	Section 01 is offered online via eLearning. Students must be enrolled concurrently in Section 03 of 870:010. Students must have access to the Internet. Registration requires consent of Dr. Morgan, siobahn.morgan@uni.edu . Lab fee \$5.00.					
	01	arr	arr	Morgan		
870:021	Elements of Weather - 3 hrs.					
	Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics. No credit for those who have completed 870:121.					
	01	10:00	MWF	Gale	LAT	101
	02	11:00	MWF	Gale	LAT	101
	03	1:00	MWF	Gale	LAT	101
Eve	04	6:00-8:50	T eve	Miller	LAT	125
	05	arr	arr	Cooney		
	Section 05 is offered online via eLearning. Students must have access to the Internet. Registration requires written consent of Dr. Cooney, timothy.cooney@uni.edu .					
870:022	Elements of Weather Laboratory - 1 hr.					
	Prerequisite(s) or corequisite(s): 870:021. Intended for science teaching majors and minors.					
	01	1:00-2:50	Th	Gale	LAT	103/208
	02	arr	arr	Cooney		
	Section 02 is offered online using eLearning. Students must be enrolled concurrently in Section 05 of 870:021. Students must have access to the Internet. Registration requires written consent of Dr. Cooney, timothy.cooney@uni.edu .					
870:031	Introduction to Geology - 4 hrs.					
	Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics. Lab Fee: \$5.00.					
	01	9:00 + 8:00-9:50	MWF T	Heinzel	LAT	125 111
	02	9:00 + 10:00-11:50	MWF T	Heinzel	LAT	125 111
	03	9:00 + 1:00-2:50	MWF T	Heinzel Walters	LAT	125 111
	04	11:00 + 10:00-11:50	MWF Th	Iqbal	LAT	125 111
	05	11:00 + 1:00-2:50	MWF Th	Iqbal	LAT	125 111
870:035	Earth History - 4 hrs.					
	Prerequisite(s): 870:031 or equivalent. Lab Fee: \$5.00.					
	01	9:00 + 10:00-11:50	MWF T	Groves	LAT	101 140

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870:037	Field Studies in the Geology and Natural History of Southeastern Utah – 2 hrs.					
	Prerequisite(s): written consent of instructor. Field studies in various areas of Earth Science: geology, oceanography, paleontology, meteorology, and astronomy. To be preceded by seminars on proposed study area. May be repeated in different study area. Only 4 hours may be applied to the Earth Science minor. Weekly seminars during second half-semester, followed by a field trip that will explore southeastern Utah by visiting national parks and white water rafting through Westwater Canyon – May 9-21. Cost will be between \$600-\$695. Non-refundable \$100 deposit required. Check with instructor for itinerary.					
	94	5:00 + 13-day trip May 9-21	W	Heinzel	LAT	125
870:109g	Fundamentals of Astronomy - 3 hrs.					
	No credit for students with credit in 870:010 or its equivalent. Prerequisite(s): one year of high school algebra or equivalent; junior standing; written consent of department head. Lab Fee: \$5.00.					
	01	arr	arr			
870:111g	Fundamentals of Weather - 3 hrs.					
	Intended primarily for in-service teachers.					
	Prerequisite(s): junior standing; written consent of department head.					
	01	arr	arr			
870:113g	Topics in Earth Science: Sky Interpretation - 2 hrs.					
	Prerequisite: junior standing. May be repeated for credit on different topic. Application to major requires written consent of department head.					
	1A	1:00	TTh	Hockey	LAT	101/103
870:123g	Air Quality – 4 hrs.					
	Prerequisite: 800:060; 870:121; junior standing.					
	01	2:00-3:50	MW	Czarnetzki	LAT	208/133
870:125	Fossils and Evolution - 4 hrs.					
	Lab Fee: \$5.00. Field Trip Fee: \$25.00.					
	01	2:00 + 3:00-4:50 + weekend field trip	TTh TTh	Groves	LAT LAT	133/140 133/140
870:128g	Fundamentals of Geology - 4 hrs.					
	Intended primarily for in-service teachers. Prerequisite(s): junior standing; written consent of department head. Lab Fee: \$5.00.					
	01	arr	arr			
870:129g	Structural Geology – 4 hrs.					
	Prerequisite(s): 870:031; 870:035; junior standing. Lab Fee: \$5.00. Field Trip Fee: \$40.00.					
	01	11:00 +10:00-11:50 + weekend field trip	MW TTh	De Nault LAT 133	LAT	133
870:135	Optical Mineralogy-Petrography - 4 hrs.					
	Prerequisite(s): 870:131. Lab Fee: \$10.00. Field Trip Fee: \$40.00.					
	01	8:00-9:50 + weekend field trip	MTWTh	De Nault	LAT	133/126/128
870:137g	Field Studies in the Geology and Natural History of Southeastern Utah – 2 hrs.					
	Prerequisite(s): written consent of instructor. Prerequisite(s): or corequisite(s): an 870:1xx course appropriate to the specific field studies and approved by department head; junior standing. Field studies in various areas of Earth Science: geology, oceanography, paleontology, meteorology, and astronomy. To be preceded by seminars on proposed study area. May be repeated in different study area. Only 4 hours may be applied to the Earth Science minor. Weekly seminars during second half-semester, followed by a field trip that will explore southeastern Utah by visiting national parks and white water rafting through Westwater Canyon – May 9-21. Cost will be between \$600-\$695. Non-refundable \$100 deposit required. Check with instructor for itinerary.					
	94	5:00 + 13-day trip May 9-21	W	Heinzel	LAT	125
870:165g	Oceanography – 3 hrs.					
	Prerequisite: 870:031 or equivalent; junior standing.					
	01	1:00	MWF	Walters	LAT	133
870:173g	Environmental Hydrology - 3 hrs.					
	Prerequisite(s): 870:031; junior standing.					
Eve	01	6:00-7:30	MW eve	Iqbal	LAT	133

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Dpt:Crs	Section	Time	Days	Instructor	Bldg	Rm
870:180	Undergraduate Research in Earth Science - 1-3 hrs.					
	Prerequisite(s): written consent of instructor and department head. May be repeated for maximum of 6 hours.					
	01	arr	arr			
870:195	Internship - 1-6 hrs.					
	Prerequisite(s): written consent of department head. Offered on credit/no credit basis only.					
	01	arr	arr			
880 PHYSICS						
LAB FEES ARE NOT REFUNDED AFTER THE SECOND WEEK OF CLASS.						
PHYSICS COLLOQUIUM, 4:00 p.m., WEDNESDAY. PHYSICS MAJORS SHOULD KEEP 4:00-5:00 p.m. OPEN ON WEDNESDAYS.						
880:011	Conceptual Physics - 4 hrs.					
	Students may not earn credit in both 880:011 and 880:012. Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics. Lab Fee: \$5.00.					
	01	12:30-1:45 + 9-10:50	TTh Th	F. Behroozi F. Behroozi	PHY PHY	114 014
880:012	Physics in Everyday Life - 3 hrs.					
	Students may not earn credit in both 880:011 and 880:012. Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics. Lab Fee: \$5.00.					
	01	12:30-1:45	TTh	F. Behroozi	PHY	114
	02	2:00-3:15	TTh	F. Behroozi	PHY	114
880:054	General Physics I - 4 hrs.					
	Prerequisite(s): high school algebra and trigonometry or equivalent. Lab Fee: \$10.50.					
	01	9:00-10:50 + 9:00	MW F	A. Stollenwerk A. Stollenwerk	PHY PHY	301/314 301/314
	02	11:00-12:50 + 11:00	MW F	T. Yasuda T. Yasuda	PHY PHY	301/314 301/314
	03	1:00-2:50	MW	A. Stollenwerk	PHY	301/314
	04	+ 1:00 4:00-6:20	F TTh	A. Stollenwerk K. Nagle	PHY PHY	301/314 114/314
880:056	General Physics II - 4 hrs.					
	Prerequisite(s): 880:054 or 880:130. Lab Fee: \$10.50.					
	01	9:00-11:20	TTh	L. Escalada	PHY	301/LNG 243
	02	12:30-2:50	TTh	J. Morgan	PHY	301/LNG 243
	03	3:00-5:20	TTh	M. Roth	PHY	301/LNG 243
Eve	04	6:00-8:20	TTh eve	T. Yasuda	PHY	301/LNG 243
880:086	Studies in Robotics - 1 hr.					
	Prerequisite(s) or corequisite(s): 880:056 or equivalent					
Eve	04	6:00-7:50	Th eve	D. Olson	PHY	214
880:131	Physics II for Science and Engineering - 4 hrs.					
	Prerequisite(s): 880:054 (minimum grade of "B") or 880:130. Prerequisite(s) or corequisite(s): 800:061. Lab Fee: \$10.50.					
	01	10:00 + 9:00-10:50	MWF T	J. Deisz J. Deisz	PHY PHY	114 314
880:137g	Modern Physics - 4 hrs.					
	Prerequisite(s): 880:131; junior standing.					
	01	1:00-2:15 + 1:00	MW F	Shand Shand	PHY PHY	114 114
880:138g	Modern Physics Laboratory - 2 hrs.					
	Prerequisite(s): junior standing. Prerequisite(s) or corequisite(s): 880:137. Lab Fee: \$5.00.					
	01	2:00-4:50	Th	Shand	PHY	014