

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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Earth Science

ESCI 106 Earth and Space Science for Educators 4 Units

Prerequisite: MATH 130.

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of Earth and space science and the interrelationships among these disciplines. Emphasis will be placed upon the comparative study of the Earth and the other planets, their formation and evolution, Earth's atmosphere, hydrosphere, and lithosphere; the dynamics of each, and how they are interrelated. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. 54 lecture hours, 54 lab hours.

CSU

30386	Hathaway, G.	M	11:30 AM-02:40 PM	TC 122	02/17-06/12
	Hathaway, G.	MW	09:55 AM-11:20 AM	TC 122	02/17-06/12

ESCI 118 Physical Geography 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

A study of the basic physical elements of geography; maps, seasons and time, weather, climate, soils, natural vegetation, and land forms, and their relationships and distribution upon the face of the earth. 54 lecture hours. CSU UC

30388	Wagner, A.	R	07:00 PM-10:10 PM	LH 102	02/17-06/12
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ESCI 120 Physical Geology 4 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

An elementary study of the Earth, particularly of its materials and structure, and of the physical and chemical processes at work upon and within it. 54 lecture hours, 54 lab hours. CSU UC

30389	Hathaway, G.	TR	09:55 AM-11:20 AM	LH 102	02/17-06/12
					<i>Lecture section only. Lab section also required.</i>
30390	Hathaway, G.	T	11:30 AM-02:40 PM	TC 122	02/17-06/12
					<i>Lab section only. Lecture section also required.</i>
30393	Hathaway, G.	T	02:50 PM-06:00 PM	TC 122	02/17-06/12
					<i>Lab section only. Lecture section also required.</i>
30392	Hathaway, G.	W	11:30 AM-02:40 PM	TC 122	02/17-06/12
					<i>Lab section only. Lecture section also required.</i>
30391	Hathaway, G.	R	11:30 AM-02:40 PM	TC 122	02/17-06/12
					<i>Lab section only. Lecture section also required.</i>

ESCI 124 Environmental Geology 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

Application of geologic principles to selected environmental problems. Topics include earthquakes, volcanism, mass movements, climate change, floods, coastal processes, mass extinctions, meteorite impacts, and population growth. 54 lecture hours. CSU UC

30395	Hathaway, G.	MW	08:20 AM-09:45 AM	LH 102	02/17-06/12
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ESCI 130 Physical Oceanography 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

A study of marine geology and topography, physical processes within the marine environment, such as waves and currents, tides, sea-floor spreading, marine provinces, marine sediments, and environmental relationships. 54 lecture hours. CSU UC

30394	Wagner, A.	TR	05:25 PM-06:50 PM	LH 102	02/17-06/12
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ESCI 699C Cooperative Education 3 Units

Enrollment in a minimum of seven units of credit including cooperative education during the regular semester. During the summer the student must be enrolled in at least one other class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to Earth Science at their place of paid employment or training sites. This course may be taken four times. Two hundred twenty-five hours lab arranged per week.

31273	Kary, D.		HRS-ARRG		02/17-06/12
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