

## Earth Science

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Spring 2005

Earth Science is a broad field offering countless personal and professional opportunities to work on practical problems that are important for life as we know it on planet Earth. Because the Earth and its environment are all around us, job opportunities related to the earth and our environment will always be plentiful. Obtain the associate degree and build your knowledge base and your resume for finding your next local job. Or, plan to transfer to a four-year base institution and study geologic hazards, planetary exploration, the environment, resource management, bioremediation, or any number of other related subfields.

Required Courses - Major:

		Units
MTH 210	Calculus & Analytic Geometry I	5
MTH 220	Statistics	4
CHM 250	General Chemistry I	5
EAS/GEL 201	Geology	4
EAS/GEL 202	Geology Lab	1
Plus a minimum of 11 additional units selected from the following:		11
EAS/NRS 200	Environmental Science	3
EAS/GEL 206	Physical Geography	4
EAS/GEL 208	Environmental Geology	4
EAS/GEL 210	California Geology	4
EAS 211/PSC 210	Weather and Climate	3
EAS/GEO 212	Intro to Geospatial Analysis	4
EAS/GEO 222	Advanced GIS	4
AGR 108	Soils and Fertility Management	3
BIO 242	Introduction to Oceanography	3
CHM 251	General Chemistry II	5
MTH 211	Calculus & Analytic Geometry II	5
PHY 214	Calculus Physics - Kinematics	4
PHY 215	Calculus Phy. - Electricity Magnetism	4
Total Major units		30
Total Degree units		60

## Addendum to Earth Science

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Spring 2007

Addendum changes the unit value of EAS/GEL 201 from 4 to 3 units; restrictive elective units have been increased from 11 to 12 units accordingly; and the title and unit value for EAS/GEO 212 has been updated.

Required Courses - Major:		Units
MTH 210	Calculus & Analytic Geometry I	5
MTH 220	Statistics	4
CHM 250	General Chemistry I	5
EAS/GEL 201	Geology	3
EAS/GEL 202	Geology Lab	1
Plus a minimum of 12 additional units selected from the following:		12
EAS/NRS 200	Environmental Science	3
EAS/GEL 206	Physical Geography	4
EAS/GEL 208	Environmental Geology	4
EAS/GEL 210	California Geology	4
EAS 211/PSC 210	Weather and Climate	3
EAS/GEO 212	Intro to GIS	3
EAS/GEO 222	Advanced GIS	4
AGR 108	Soils and Fertility Management	3
BIO 242	Introduction to Oceanography	3
CHM 251	General Chemistry II	5
MTH 211	Calculus & Analytic Geometry II	5
PHY 214	Calculus Physics - Kinematics	4
PHY 215	Calculus Phy. - Electricity Magnetism	4
Total Major units		30
Total Degree units		60

# Addendum to Earth Science

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2007

Addendum changes the unit value of EAS/GEO 222 from 4 to 3 units and changed the title of PHY 214 and 215.

Required Courses - Major:	Units	
MTH 210	Calculus & Analytic Geometry I	5
MTH 220	Statistics	4
CHM 250	General Chemistry I	5
EAS/GEL 201	Geology	3
EAS/GEL 202	Geology Lab	1
Plus a minimum of 12 additional units selected from the following:		12
EAS/NRS 200	Environmental Science	3
EAS/GEO 206	Physical Geography	4
EAS/GEL 208	Environmental Geology	4
EAS/GEL 210	California Geology	4
EAS 211/PSC 210	Weather and Climate	3
EAS/GEO 212	Intro to GIS	3
EAS/GEO 222	Applied GIS	3
AGR 108	Soils and Fertility Management	3
BIO 242	Introduction to Oceanography	3
CHM 251	General Chemistry II	5
MTH 211	Calculus & Analytic Geometry II	5
PHY 214	Principles of Physics I	4
PHY 215	Principles of Physics II	4
	Total Major units	30
	Total Degree units	60