

# Earth Science

The earth science program is one of the most established and respected programs within the earth science discipline. It is a computer-based program in which earth science theory and practice receive equal emphasis as applied to both financial and managerial earth science issues. It intends to support the career objectives of those looking to enter the job market upon graduation, as well as the academic needs of those looking to pursue advanced degrees. Required course work covers areas critical to success in today's earth science workplace:

- Technical earth science knowledge
- Communication and interpersonal skills
- Career-related computer literacy
- A laptop computer is recommended, but not required, for students entering the earth science program.

## Courses

Course Number	Course Title	Credits
EARTH 1101	Physical Geology of Earth's Interior	4 Credits
EARTH 1102	Physical Geology of Earth's Surface	4 Credits
EARTH 1105	Environmental Geology	4 Credits
EARTH 1110	Introduction to Meteorology	4 Credits
EARTH 1111	Climate and Global Change	3 Credits
EARTH 1115	Severe and Unusual Weather	4 Credits
EARTH 1116	Weather Analysis and Forecasting I	1 Credits
EARTH 1117	Weather Analysis and Forecasting II	1 Credits
EARTH 1119	Weather Impacts and Preparedness	3 Credits
EARTH 1120	Introduction to Astronomy	3 Credits
EARTH 1122	Astronomy: The Solar System	4 Credits
EARTH 1124	Astronomy: Stars and Galaxies	4 Credits
EARTH 1126	Observational Astronomy	4 Credits
EARTH 1130	Introduction to Oceanography	4 Credits
EARTH 1135	Water Science-Fundamentals of Hydrology	4 Credits
EARTH 1140	Fundamentals of Earth Science	4 Credits
EARTH 1141	Introduction to Earth Science	3 Credits
EARTH 1800	Special Project	1-3 Credits
EARTH 1820	Selected Topics I	1-3 Credits
EARTH 1840	Independent Study	1-4 Credits

<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
EARTH 2102	Origin and Evolution of the Earth	4 Credits
EARTH 2103	Geologic Field Investigations	3 Credits
EARTH 2110	Intermediate Meteorology	4 Credits
EARTH 2115	Mesoscale Meteorology	4 Credits
EARTH 2116	Adv Weather Analysis & Forecasting I	1 Credits
EARTH 2117	Adv Weather Analysis & Forecasting II	1 Credits
EARTH 2118	Severe Weather Lab	2 Credits
EARTH 2800	Special Project	1-3 Credits
EARTH 2820	Advanced Selected Topics I	1-3 Credits
EARTH 2860	Internship (Career & Technical Ed)yCoop Ed/Internship Occup	1-4 Credits
EARTH 2865	Internship Advanced (Career & Tech Ed)	1-4 Credits
EARTH 2870	Internship (Transfer)	1-4 Credits
EARTH 2871	Internship - Advanced (Transfer)	1-4 Credits