

Four Major Areas of Earth Science:

Astronomy – Study of objects beyond the Earth's atmosphere

Meteorology – Study of the forces and processes that cause the atmosphere to change to produce weather

Geology – Study of the materials that make up Earth and the processes that form and change these materials

Oceanography – The study of the Earth's oceans

Four Main Earth Systems:

Lithosphere – Outer shell of the planet and includes the crust (where we live!) and the top portion of the layer right beneath, the mantle.

Hydrosphere – Water in the Earth's oceans, seas, lakes, rivers, glaciers, and atmosphere

Atmosphere – Gas that surrounds our planet

Biosphere – All organisms on the Earth as well as the environments in which they live