

**Natural Science Division
Complete Set of SLOs**

Department : Earth Science

Date: December 1, 2010

Program-Level SLOs
Students can identify the salient features of the basic concepts of earth science and geography. This includes the ability to recall the definitions of the specialized vocabulary of earth science and geography.
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students recognize and can accurately articulate how their environment (including the Earth, the atmosphere, ocean, and biosphere) affects humans' lives and how human activities affect their environment.
Course Level SLOs
Geography 1: Physical Geography
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geography 2: Cultural Geography
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geography 5: World Regional Geography
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geography 7: Geography of California
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geography 8: Introduction to GIS
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.

Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geography 9: Weather and Climate
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geography 20: Geography Field Studies
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geography. This includes the ability to recall the definitions of the specialized vocabulary of geography.
Students recognize and can accurately articulate how their environment affects humans' lives and how human activities affect their environment.
Geology 1: Physical Geology
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.
Geology 2: History of Planet Earth
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.
Geology 3: Physical Geology Laboratory
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.
Geology 4: History of Planet Earth Lab
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.

Geology 6: Earth Science in Education
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.
Geology 15: Natural Disasters
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.
Geology 30/32/34/36: Field Studies
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of geology. This includes the ability to recall the definitions of the specialized vocabulary of geology.
Students recognize and can accurately articulate how the Earth affects humans' lives and how human activities affect the Earth.
Oceanography 10: Introduction to Oceanography
Students can identify the key elements of the scientific method in popular accounts of scientific research in magazines, newspapers, etc.
Students can identify the salient features of the basic concepts of oceanography. This includes the ability to recall the definitions of the specialized vocabulary of oceanography.
Students recognize and can accurately articulate how the ocean affects humans' lives and how human activities affect the ocean.