

EARTH AND SPACE SCIENCE CERTIFICATE (M)

While pursuing a Earth and Space Certificate the student will demonstrate an understanding of and an ability to explain foundational earth and space scientific concepts pertaining to astronomy, the atmosphere and hydrosphere, and internal and surface earth materials and processes. The student will demonstrate the ability to appropriately collect and analyze data while utilizing laboratory equipment and procedures safely and effectively. The student will demonstrate an understanding of how/why a Christian sees evidence of God's design in nature and how to be good stewards of His creation. The student will develop investigative and critical thinking skills to explore questions in earth and space sciences by gathering, interpreting, and communicating data.

Student Learning Outcomes for the Earth and Space Sciences Certificate

- The student will demonstrate an understanding of and an ability to explain foundational earth and space scientific concepts pertaining to astronomy, the atmosphere and hydrosphere, and internal and surface earth materials and processes.
- The student will demonstrate the ability to appropriately collect and analyze data while utilizing laboratory equipment and procedures safely and effectively
- The student will demonstrate an understanding of how/why a Christian sees evidence of God's design in nature and how to be good stewards of His creation
- The student will develop investigative and critical thinking skills to explore questions in earth and space sciences by gathering, interpreting, and communicating data.

Curriculum

Code	Title	Hours
Required Courses		
ENV 1600	Meteorology	3
ENV 2500	Earth Science	4
ENV 2600	Oceanography	4
PHYS 1204	Introductory Astronomy	4
Total Hours		15