

# SCI 114 : Introduction to Scientific Method and Laboratory

Exposes students to the scientific method and reasoning through an intensive summer experience for Upward Bound high school participants rooted in Problem-based Learning (PBL) focused on a real-world STEM-Industry partner problem following the scientific method. Infuses a primarily PBL experience with a local STEM-Industry partner question to catalyze learning. Introduces logic, problem-solving, evaluation process, lab methods, literature review, and technical writing. (May be repeated twice for credit.)

**Credits** 3

**Lecture Hours** 15

**Lecture/Lab Credits** 60

**Teaching Equivalent** 4.17

**Designation**

DP

**Prerequisites**

Admitted to the UH Upward Bound Math Science (UBMS) summer program.