

## **Learning Outcomes for Meteorology & Climate Science**

### *BS Meteorology – Concentration in Climate Science*

- 1. Be able to explain current climate in terms of basic physical and dynamic processes.*
- 2. Be able to explain the mechanisms responsible for climate change.*
- 3. Know and be able to practice the techniques used for collecting, analyzing, and interpreting various forms of climate data.*
- 4. Demonstrate an ability to synthesize concepts from a broad range of disciplines, and apply them to problems in climate science.*
- 5. Be able to explain ideas and results through written, statistical, graphical, oral and computer-based forms of communication.*