**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.