

Program Learning Outcomes Atmospheric Science

1. Explain the physical laws governing the structure and evolution of atmospheric phenomena spanning a broad range of spatial and temporal scales.
2. Apply mathematical tools to study atmospheric processes.
3. Explain the principles behind, and use, meteorological instrumentation.
4. Describe, analyze and create graphical depictions of meteorological information.
5. Demonstrate critical and analytical skills to interpret and predict weather systems using weather products (model results, maps, satellite imagery, etc.).
6. Present and communicate weather analyses and forecasts in a team or individually.