**University of Wyoming**

**Atmospheric Science**

**Ph.D. Qualifying Exam Assessment**

*Date of Exam*

The Ph.D. Qualifying Exam is designed to assess the preparedness for a student to enter into the Ph.D. program.

Ph.D. Students are expected to:

* Demonstrate an understanding of basic concepts in Atmospheric Science. The concepts are drawn from 4 core classes (ATSC 5010, 5011, 5014, 5016) taken during the first year of graduate study.
* Explain how these concepts apply to broader topics in Atmospheric Science.

|  |  |  |
| --- | --- | --- |
| Criteria/  Guidance | Comment | Grade\* (1-5) |
| 1. Accuracy – How well does the student accurately address the question? |  |  |
| 2. Breadth – Does the student’s answer demonstrate a broad understanding of the material? Is the student able to ‘see the big picture?’ |  |  |
| 3. Clarity – Is the student’s answer clear? Does it follow a path of logical steps? |  |  |
| 4. Depth – Is the student’s answer/discussion thorough? Does the student demonstrate a deep understanding of the material? |  |  |

\*5 – Excellent, 3 – Average for Ph.D. student, 1 – Needs significant improvement

|  |  |  |
| --- | --- | --- |
| Overall Performance | Comment | Grade\* (1-5) |
| Overall Assessment of students performance. Comments should include pass/fail and any required remediation. |  |  |