

## **School of Meteorology Advisory Conference Policy**

Approved by a faculty vote: 11 November 2009

Final revision by the GSC: 19 November 2009

### **Coursework Requirement for the Ph.D. in Meteorology**

As a departmental requirement for the degree of PhD in Meteorology, the School of Meteorology (SoM) of the University of Oklahoma (OU) requires the successful completion of the *SoM Coursework Requirement for the PhD in Meteorology* (hereafter referred to as the “PhD Coursework Requirement”), which states that the student must receive a grade of B or better in at least 6 of the courses listed below, and receive a grade of A in at least 3 of those 6 courses.

1. 5103 Boundary Layer Meteorology
2. 5113 Advanced Atmospheric Dynamics I
3. 5223 Atmospheric Radiation
4. 5233 Cloud and Precipitation Physics
5. 5303 Objective Analysis and Data Assimilation
6. 5413 Advanced Synoptic Meteorology
7. 5673 Weather Radar Theory and Practice
8. 5503 Climate Dynamics **or** 5443 Tropical Meteorology
9. 5683 Weather Radar Applications **or** 6613 Weather Radar Polarimetry
10. 5344 Computational Fluid Dynamics I **or** 6323 Numerical Weather Prediction
11. 6223 Convective Clouds and Storms **or** 6413 Advanced Mesoscale Meteorology

A plan for the completion of the PhD Coursework Requirement must be indicated in the Required Coursework section of the student’s *Report of the Advisory Conference*, or its amendments.

### **Alternative to the PhD Coursework Requirement**

A modification to the PhD Coursework Requirement for a student may be approved by the Graduate Studies Committee of the SoM (GSC). Approval is granted upon receiving a vote of approval by a simple majority of all elected GSC members who are regular faculty members of the SoM. The vote of approval will be conducted by a secret ballot box. The alternative plan must provide a breadth and rigor of knowledge in meteorology commensurate with the standard PhD Coursework Requirement. A petition for approval of the alternative plan must be brought to the GSC by the Chair of the student’s Advisory Conference Committee. Successfully having passed the SoM Qualifying Examination (on a date prior to this policy) is deemed to be an acceptable alternative to the PhD Coursework Requirement, and does not require approval by the GSC.

### **Amending the Advisory Conference Report**

From the date of enactment of this policy, students who have not passed the SoM Qualifying Examination and who have already completed their Advisory Conference may be required to submit a *Request for Change in Doctoral Advisory Conference Report* form in order bring the plan for coursework into compliance with the PhD Coursework Requirement.

## **Authority granted to the Graduate Liaison**

The SoM Graduate Liaison (GL) has the authority to sign the *Application for General Examination for the Doctoral Degree* form only if one of the following is true: (1) the standard PhD Coursework Requirements have been satisfactorily indicated on the *Report of the Advisory Conference* and its amendments, (2) the Qualifying Examination (formerly taken by SoM graduate students as part of the General Examination) has been passed, (3) a record of an approved Alternative to the PhD Coursework Requirement has been forward to the GL by the GSC, and the *Report of the Advisory Conference* and its amendments is consistent with the approved alternative (4) The Advisory Conference occurred before this policy was enacted, and the student is able to prove from official records that the PhD Coursework Requirement has been completed.

The GL has the authority to sign the *Request for Authority for Defense of Dissertation* form only if the PhD Coursework Requirement, an approved alternative, or the Qualifying Examination, has been satisfactorily completed.

## **Other Procedures**

1. The SoM does not have a Tools of Research requirement. The Tools of Research section should be left blank on the *Report of the Advisory Conference*.
2. The document *Agreement Between the Graduate College and the School of Meteorology on Affiliate/Adjunct Faculty Supervision of SoM Graduate Students* defines some additional rules about service of “Special Members” on a Doctoral Committee (which in its early stages is referred to as Advisory Conference Committee by the GC). The student and the chair of the committee have the authority to select committee members in compliance with the GC rules and the additional SoM rules, schedule and conduct an Advisory Conference, and then present a *Report of the Advisory Conference* to the GL for signature.
3. The GL may sign the *Report of the Advisory Conference* even if it does not yet indicate a plan to satisfy the PhD Coursework Requirement. If the plan is not indicated, the GL should remind the student that approval of alternatives, and amendments to the report, must be brought into compliance before the *Application for General Examination for the Doctoral Degree* will be signed by the GL.
4. A graduate course taken at another program with content equivalent to that in the PhD Coursework Requirement list can be applied towards the PhD Coursework Requirement upon approval by the student’s Advisory Conference Committee.
5. Ordinarily the Advisory Conference should take place within one year of the time of enrollment as a Ph.D. student.