

ATMOSPHERIC AND OCEANIC SCIENCES, PH.D.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

MAJOR REQUIREMENTS MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW–Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement Detail

Minimum Credit Requirement	51 credits
Minimum Residence Credit Requirement	32 credits
Minimum Graduate Coursework Requirement	26 credits must be graduate-level coursework. Details can be found in the Graduate School's Minimum Graduate Coursework (50%) policy (https://policy.wisc.edu/library/UW-1244).

Overall Graduate GPA Requirement	3.00 GPA required. This program follows the Graduate School's policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).
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Other Grade Requirements All grades must be C or better to count towards the degree.

Assessments and Examinations	Students wishing to pursue a Ph.D. should complete the advancement process prior to forming a Ph.D. committee. For more information about the Advancement Process, see: Advancement Process (https://www.aos.wisc.edu/academics/graduate/advancement-process (https://www.aos.wisc.edu/academics/graduate/advancement-process/)).
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Ph.D. students are required to complete a preliminary examination by the Ph.D. committee prior to becoming a Ph.D. candidate. Prior to the preliminary examination the student works with the major professor to define an appropriate research topic. This topic is written into a several page research proposal that is given to the Ph.D. committee members a few weeks prior to the preliminary examination.

Language Requirements	No language requirements.
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Graduate School Breadth Requirement	All doctoral students are required to complete two broadening requirements: a doctoral minor or Graduate/Professional certificate, and a supplemental requirement. Minor requirement: A minor program consists of Option A (external) 9 or more course credits in one discipline or Option B (distributed) 9 or more credits in one or more departments and can include coursework in the major department. Selection of Option A requires approval of the minor department. Selection of Option B requires approval of the major department. The department monitors minor requirements. Supplemental requirement: The supplemental requirement is specified by the Ph.D. committee during the first Ph.D. committee meeting. Examples include (but are not limited to): an augmented minor, substantial foreign language skill, significant professional or field experience, or interdisciplinary coursework.
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REQUIRED COURSES

Code	Title	Credits
Core Courses		15
At least 15 credits are from lecture courses numbered 600 or above in the department. Seminars, research credits, and audited courses are not included.		
ATM OCN 900	Seminar-Meteorology	1-2
Breadth		9
These credits may be from the department, but cannot be used to satisfy the Core Courses requirement.		
Additional Credits		25+

Students choose additional courses in consultation with their advisor. Most additional credits are made up of 990 research credits.

Total Credits	51
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