



Graduate Student Guidelines

UMD / CMNS / AOSC



UNIVERSITY OF
MARYLAND

Academic Program Requirements



DEPARTMENT OF
**ATMOSPHERIC &
OCEANIC SCIENCE**

Core Courses

Dynamics of the Atmosphere and Ocean

AOSC 610 Dynamics of the Atmosphere and Ocean I (Fall)

AOSC 611* Dynamics of the Atmosphere and Ocean II (Spring)

Physics and Chemistry of the Atmosphere

AOSC 620 Physics and Chemistry of the Atmosphere II (Fall)

AOSC 621 Physics and Chemistry of the Atmosphere II (Spring)

Climate and Earth System Science

AOSC 680 Introduction to Earth System Science (Fall)

AOSC 617 Climate of the Atmosphere and Oceans (Spring)

Suggested Electives for Fall 2022

AOSC 600 Synoptic Meteorology I

AOSC 652 Analysis Methods in Atmospheric and Oceanic Science

- Department Seminar: Weekly attendance is required and recorded (1st & 2nd year)
- Student Seminar: Weekly attendance is required and recorded (1st & 2nd year)
- Seminar Presentation: Students present research to peers annually (3rd year)
- Annual GOA: Submit an annual Graduate Outcome Assessment (2nd + year)

Sample Student Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
11:00-11:30					
11:30-12:00					
12:00-12:30	AOSC610: Dynamics		AOSC610: Dynamics		AOSC610: Dynamics
12:30-1:00		AOSC620: Phys & Chem		AOSC620: Phys & Chem	
1:00-1:30					
1:30-2:00					
2:00-2:30					
2:30-3:00		AOSC680: Earth System Science		AOSC680: Earth System Science	
3:00-3:30					
3:30-4:00		Student Seminar		Department Seminar	
4:00-4:30					
4:30-5:00					



Graduate School Requirements:

- Minimum Grade Point Average: 3.0 GPA
- Full Time Enrollment for GA: TA, RA (48 units)
- Application for Graduation
- Registration Requirement: Continuous Fall/Spring
- Registration Required in Final Semester:
Fall/Spring/Summer





Master of Science (M.S.) Non-Thesis

Department Requirement

- Scholarly Paper: The Scholarly Paper is a research paper that demonstrates the students ability to conduct original research and is the final step to M.S. Degree completion.
- Directed Research: Students may register for 3 credits of AOSC 798 M.S. Non-Thesis Research under the the advisor's section while writing the the scholarly paper.
- Must present at least one student seminar

Graduate School Requirements

- Credit Requirement: 30 credit hours completed at the 600 level with some 400 level credits permitted.
- Transfer of Credits: Up to 6 credits from another institution can be transferred upon approval.
- Approved Program Form: Final form that confirms you have successfully completed all graduate school and program requirements.
- M.S. Students who plan to enroll in the Ph.D. program must apply though the Grad School.

Doctor of Philosophy (Ph.D.)



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Department Requirements

- Comprehensive Oral Exam: Students will have 2 attempts to pass the exam.
- Publications: Students are expected to submit scientific publications.
- Coursework: 30 credits of 600 level coursework is required, some exclusions apply.

Graduate School Requirements

- Advancement to Candidacy: Submit an application for approval after meeting program requirements.
- Dissertation Research: 12 credits of AOSC 899 under advisor's section.
- Dissertation: Schedule, announce and present a public presentation and take oral exam
 - Committee Form: Nomination of Dissertation Committee
 - Report: Official report for all committee members to approve
 - Submit: Upload dissertation to the University for publication.

Department Administrative Staff:

<p>Admin Coordinator: Genevieve Cooper Room: 3417 Atlantic Building Email: gcooper@umd.edu</p>	<ul style="list-style-type: none">- Students ID Cards: building access requests- Course and directed research scheduling- Room reservations, key distribution- Travel processing and reimbursement- Teaching assistant section assignments
<p>Benefits & Payroll Coordinator: Bernadette Gatewood Room: 3411 Atlantic Building Email: gatewood@umd.edu</p>	<ul style="list-style-type: none">- All payroll related inquiries- Health benefits information- NRA forms and tax documents- Fellowship financial processing- Assistantship adjustments and termination
<p>Academic Program Manager: Tamara Hendershot Room: 3405 Atlantic Building Email: tbarksda@umd.edu</p>	<ul style="list-style-type: none">- Course registration permissions, over subscribes, and stamps- Graduate school deadlines, forms, petitions and policies- Teaching and research assistant assignment assistance- Department and university fellowships, award nominations- Enrollment, general advisement and graduation guidelines- Scholarly papers, comprehensive exams, candidacy, dissertations

Department Administrative Staff:

Proposal & Research Coordinator:

Djellza ‘ D.J.’ Ramadani

Room: 3409 Atlantic Building

Email: djellzar@umd.edu

- Purchasing, office and technical supplies
- Student name signs orders and poster print approval
- Travel approvals and authorization
- Expense reimbursements
- External fellowship proposals

Administrative Director:

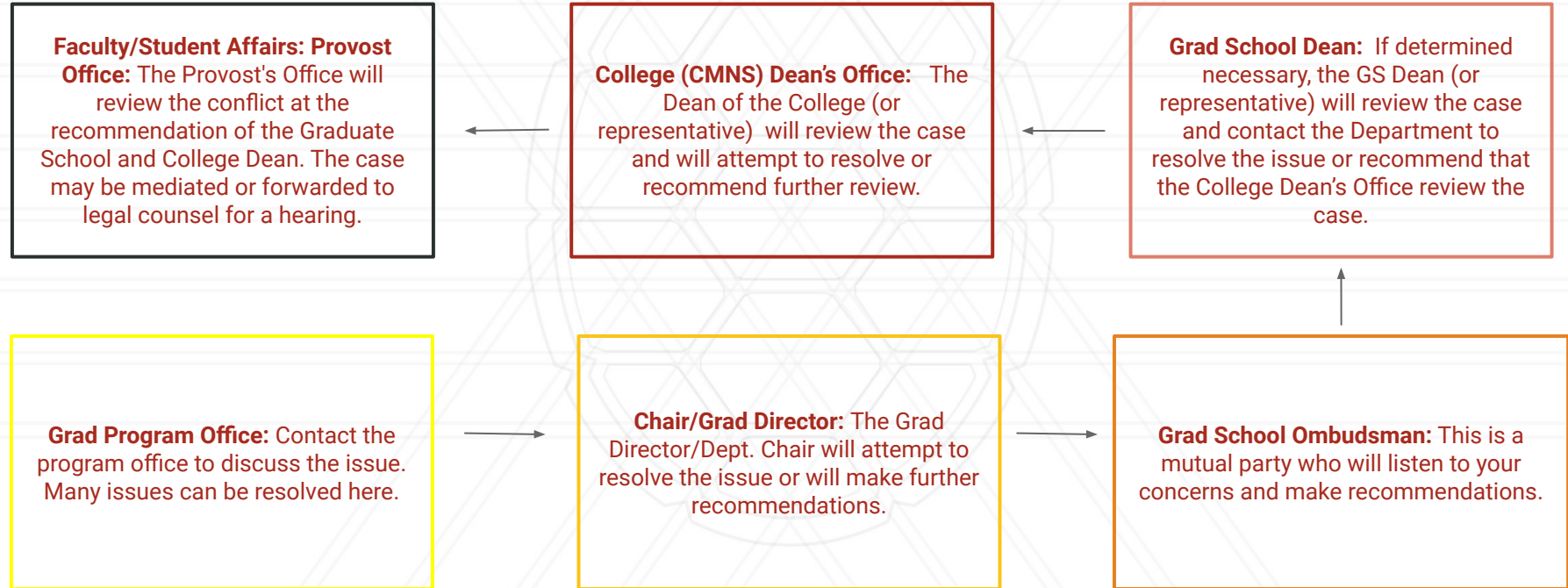
June Sherer

Room: 3407 Atlantic Building

Email: shererj@umd.edu

- Supervise administrative staff
- Graduate student office assignments
- Student purchase approvals
- Facilities and space management

Conflict Resolution Information



Annual Awards



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Green Fund: To recognize a graduate student who has made significant research progress.

Eugene Rasmusson Fellowship: To recognize an outstanding Ph.D. candidate.

Ferd Baer Award: To recognize an outstanding teaching assistant and/or graduate student mentor.

H.E. Landsberg Fund To recognize the outstanding efforts of the AOSC Students.

AOSC Graduate Students are recognized by the Department,
College, Graduate School, and beyond
for academic excellence, leadership initiatives, mentorship &
outreach efforts, and, effective teaching and research innovation.



UNIVERSITY OF
MARYLAND

AOSC Graduate Program Office

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