

UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE

Student Outcomes

UMCES is one of twelve institutions within the University System of Maryland. UMCES is the premier research institution aimed at advancing scientific knowledge of the environment.



77

Faculty members who serve as graduate advisors and committee members

269

Graduate students mentored and graduated in the last 15 years

4 Research Laboratories Across the State

Appalachian Laboratory
supporting 14 faculty

Horn Point Laboratory
supporting 26 faculty

Chesapeake Biological Laboratory
supporting 29 faculty

Institute of Marine and Environmental Technology
supporting 8 UMCES faculty



University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

UMCES STUDENTS

Graduate Student Enrollment Programs

UMCES graduate students reside and conduct research at one of the Center's four research laboratories through three programs:



Marine-Estuarine-Environmental Sciences (MEES) Graduate Program



Graduate Program in Life Science (GPILS)



Frostburg State University's Masters Programs in Wildlife and Fisheries and Applied Ecology

Most UMCES students, more than 90%, are enrolled in the University System of Maryland's system-wide MEES Program.

Many of the statistics presented here are derived from the system-wide MEES database. Statistics specific to UMCES are so indicated.

MEES Program

The MEES Program offers 4 Foundation Areas

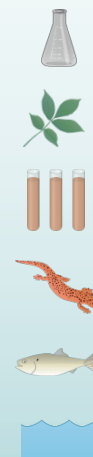
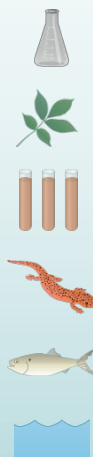
Environment and Society

Earth and Ocean Systems

Ecological Systems

Environmental Molecular Science and Technology

UMCES faculty members advise students in all 4 Foundation Areas



UMCES faculty teach more than **80%** of the courses offered by the MEES Program



MEES GRADUATE STUDENT APPLICATION SUMMARY

Data from student applications to the MEES UMD system-wide program. More that 90% of UMCES students applied to the MEES program.

MEES Masters Applications	2008-2018	2013-2018
Total Applications	859	467
Number Admitted	320	179
Number Enrolled	226	121
MEES Masters Undergraduate GPA		
Average for Applications	3.33	3.35
Average for those Admitted	3.41	3.41
MEES PhD Applications	2008-2018	2013-2018
Applications	822	387
Number Admitted	352	178
Number Enrolled	256	128
MEES PhD Undergrand GPA		
Average for Applications	3.39	3.44
Average for those Admitted	3.42	3.47

2018	
Total MEES M.S. and Ph.D. Applications	136
Total Accepted	52
Total Enrolled	42
Average Ungergraduate GPA Applied	3.37
Average Undergraduate GPA Accepted	3.48

Note Regarding GRE Scores

As of summer 2018, the MEES Program has decided to no longer require students to submit GRE scores with their application. Students who have taken the GRE and would like to have their scores included in their application may choose to submit them. Consequently, GRE scores have been left out of the report.

UMCES GRADUATE STUDENT ENROLLMENT SUMMARY

Number of UMCES Students Enrolled in MEES by Foundation Area	Masters Students		PhD Students	
	2014-2018	2018	2014-2018	2018
Environmental Chemistry	4	2	4	2
Ecology	9	3	5	3
Environmental Molecular Biology/Biotechnology	5	2	17	4
Environmental Science	14	4	19	10
Fisheries Science	20	4	8	3
Oceanography	10	4	21	10
<i>Earth and Ocean Systems</i>	5	5	11	11
<i>Ecological Systems</i>	14	14	6	6
<i>Environment and Society</i>	-	-	4	4
<i>Environmental Molecular Science and Technology</i>	2	2	4	4

Note on Italicized Foundation Areas

In 2016, the MEES Program implemented a new and overhauled curriculum, which included four new foundation areas (denoted by italics). Students matriculating in fall 2016 had the option of choosing between the old Areas of Specialization (non-italics) or the new foundation areas. Students matriculating since the fall 2016 have all been enrolled in the new foundation areas.

Total UMCES Student Enrollment by Location	2014-2018	2018
Appalachian Laboratory	22	14
Chesapeake Biological Laboratory	62	30
Horn Point Laboratory	68	40
Institute of Marine and Environmental Technology	30	13


15%

of enrollment consists of International Students

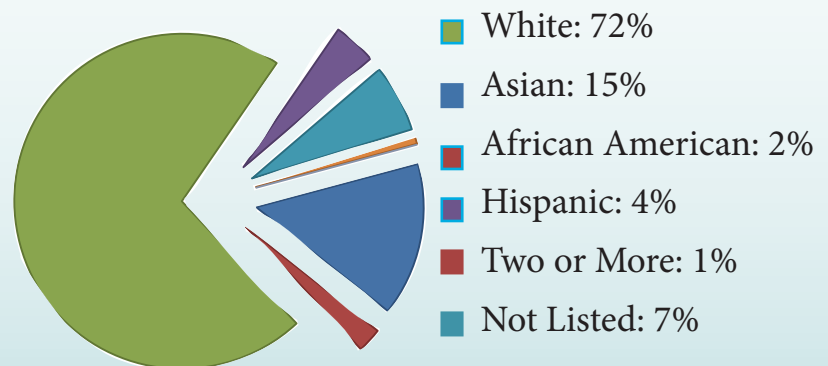
Females

67% 

Males

33% 

UMCES Student Diversity data from 2013-2018



98%
Student
Retention Rate

91%
Student
Success Rate



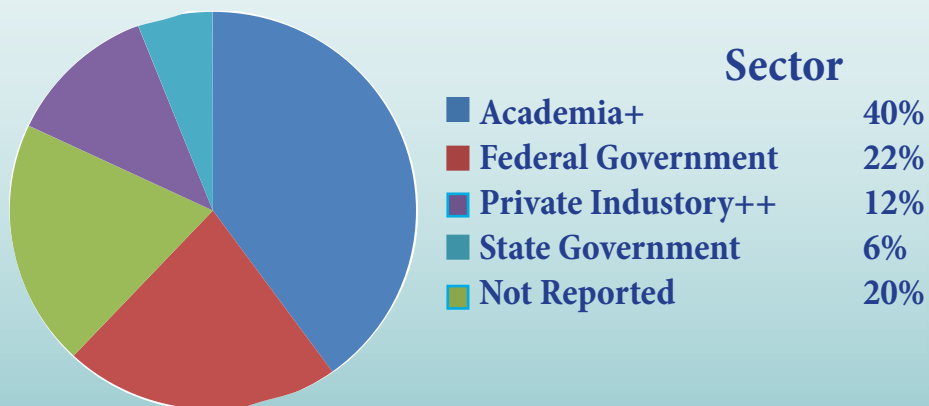
UMCES GRADUATE STUDENT DEGREE SUMMARY

Degrees Awarded to UMCES Students by Area of Specialization	Masters Degrees			PhD Degrees		
	2008-2018	2013-2018	2018	2008-2018	2013-2018	2018
	Environmental Chemistry	10	4	1	6	2
Ecology	21	10	2	9	1	-
Environmental Molecular Biology/Biotechnology	5	3	1	12	10	-
Environmental Science	21	10	-	10	5	1
Fisheries Science	28	15	-	13	6	1
Oceanography	11	5	-	22	12	2

UMCES Student Time to Degree

Masters Degree	2013-2018	2017-18
Years to Completion	3.0	2.8
PhD Degree	2013-2018	2017-18
Years to Completion	5.6	5.5

UMCES Student Employment Profile



Employment Notes

+includes continuing education (pursuing doctoral degree), postdoctoral employment, and faculty positions
++includes non-profits and environmental technology companies



DEFINITIONS

International Student

Based on the permanent residence and citizenship where a student is/was living at the time of application submission to the MEES office.

Student Retention Rate

The proportion of first-time, full-time, degree-seeking students who started in a given cohort year and are enrolled at UMCES the following year.

Student Success Rate

The proportion of graduate students who have enrolled that have either received their degree or are on track for graduation

Undergraduate GPA

The mean undergraduate grade point average reported to the MEES office.

For additional information please visit:

<https://www.umces.edu/graduate-program>

Images were provided by the Integration and Application Network
University of Maryland Center for Environmental Science (ian.umces.edu/imagelibrary/).



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