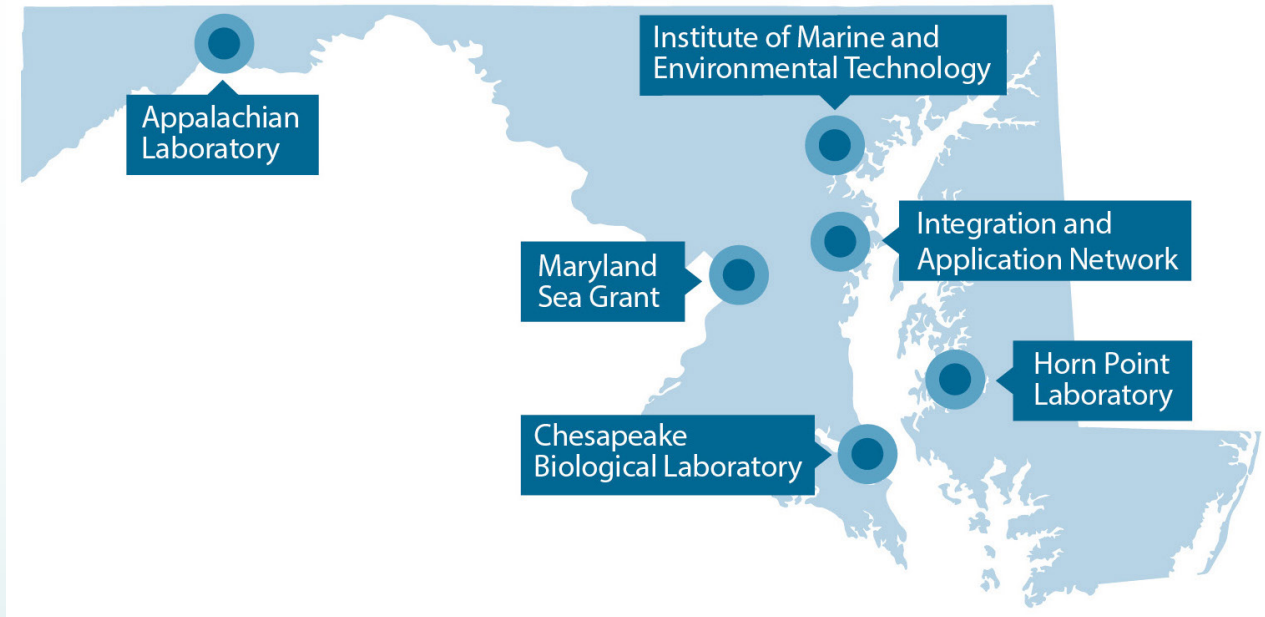


UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE

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.



74

Faculty members who serve as graduate advisors and committee members

298

Graduate students mentored and graduated in the last 15 years

4 Research Laboratories Across the State

Appalachian Laboratory

supporting 13 faculty and 16 students

Chesapeake Biological Laboratory

supporting 23 faculty and 28 students

Horn Point Laboratory

supporting 29 faculty and 29 students

Institute of Marine and Environmental Technology

supporting 9 UMCES faculty and 22 students



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

More than 90% of UMCES students 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 **85%** of the courses offered by the MEES Program



MEES GRADUATE STUDENT APPLICATION SUMMARY

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

Fall 2022-2023 MEES Application Information

	2022	2023
Number of Applications	88	79
Number Admitted	31	21
Number Enrolled	21	15
Percent Admitted	35.2%	26.6%
Percent Enrolled	23.8%	18.9%

Spring 2022-2023 MEES Application Information

	2022	2023
Number of Applications	4	6
Number Admitted	3	5
Number Enrolled	3	5
Percent Admitted	75%	83.3%
Percent Enrolled	75%	83.3%

Source: MEES Program Office

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. GRE scores will not be considered for admission, but may be part of an individual faculty member's advising decision.



UMCES GRADUATE STUDENT ENROLLMENT SUMMARY

Number of UMCES Students Enrolled in MEES by Foundation Area	Masters Students		PhD Students	
	Fall 2020-Spring 2024	Fall 2024	Fall 2020-Spring 2024	Fall 2024
Environmental Chemistry	-	-	2	-
Ecology	-	-	1	-
Environmental Molecular Biology/Biotechnology	-	-	4	-
Environmental Science	-	-	7	-
Fisheries Science	1	-	2	1
Oceanography	-	-	-	-
<i>Earth and Ocean Systems</i>	22	14	28	17
<i>Ecological Systems</i>	28	10	29	22
<i>Environment and Society</i>	4	4	9	5
<i>Environmental Molecular Science and Technology</i>	7	5	18	14

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	Fall 2020-Spring 2024	Fall 2024
Appalachian Laboratory	23	16
Chesapeake Biological Laboratory	54	28
Horn Point Laboratory	56	29
Institute of Marine and Environmental Technology	31	22

UMCES Student Diversity

data from Fall 2024


23%

of enrollment consists of International Students

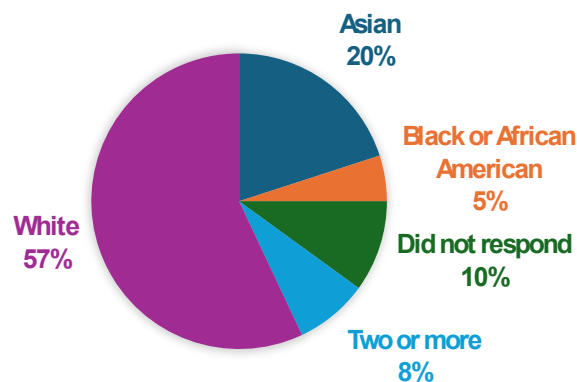
Females

63% 

Males

 37%

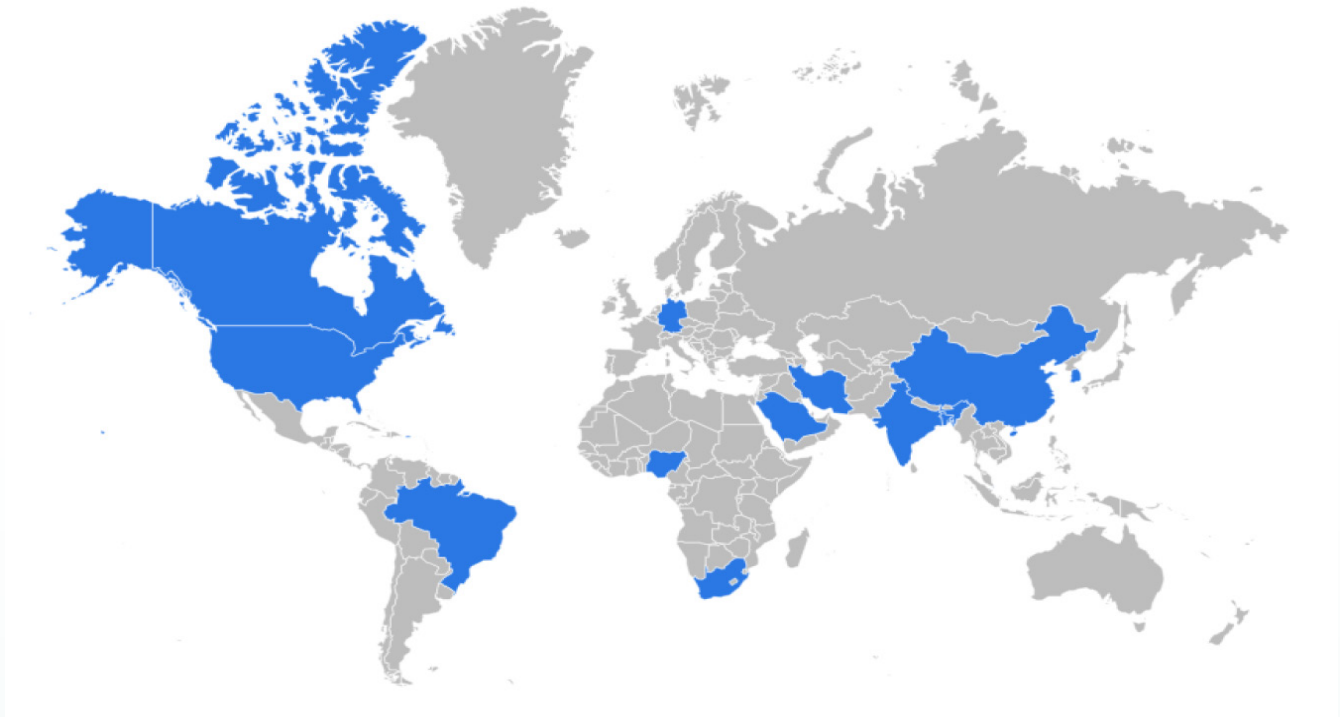
SELF-REPORTED STUDENT RACE AND ETHNICITY DATA FALL 2024



Note: above race and ethnicity totals include international students



MAP OF UMCES GLOBAL STUDENT COMMUNITY



UMCES GRADUATE STUDENT DEGREE SUMMARY

Degrees Awarded to UMCES Students by Area of Specialization	Masters Degrees		PhD Degrees	
	Summer 2016-Spring 2023	Summer 2023-Spring 2024	Summer 2016-Spring 2022	Summer 2023-Spring 2024
Environmental Chemistry	1	-	3	
Ecology	5	-	2	
Environmental Molecular Biology/Biotechnology	2	-	7	
Environmental Science	6	-	9	1
Fisheries Science	12		4	
Oceanography	3	-	16	-
<i>Ecological Systems</i>	19	4	8	2
<i>Earth and Ocean Systems</i>	11	2	9	5
<i>Environment and Society</i>	2	2	7	-
<i>Environmental Molecular Science and Technology</i>	3	1	4	1

*see note on page 4 regarding 2016 curriculum changes

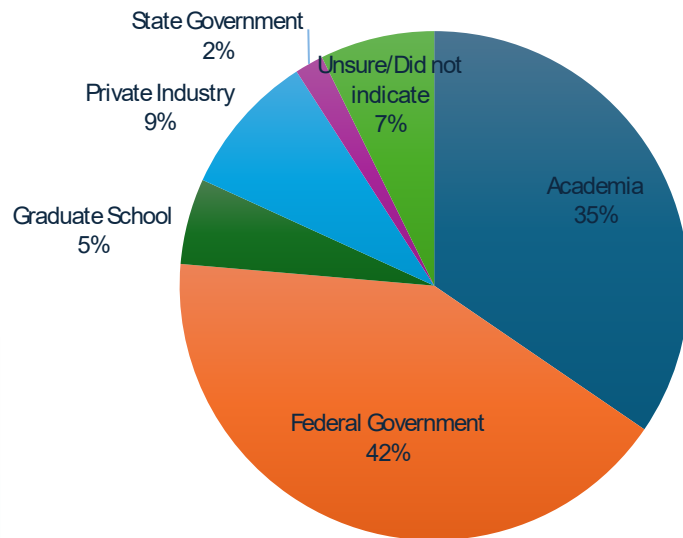


UMCES Student Time to Degree

Calculated using the median. Note: this is a small sample size and varies from year to year.

Masters Degree		Summer 23-Spring 24
Years to Completion		2.66
PhD Degree		Summer 23-Spring 24
Years to Completion		5.00

UMCES Post-Graduation Employment Fall 2019-Spring 2023



Note: 56% of UMCES graduates responded to the exit survey

94%

Student Retention Rate

for students matriculating 2023

95%

Student Success Rate

for students matriculating 2016-2022

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 new, 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.

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
(<https://ian.umces.edu/media-library/symbols/>).

