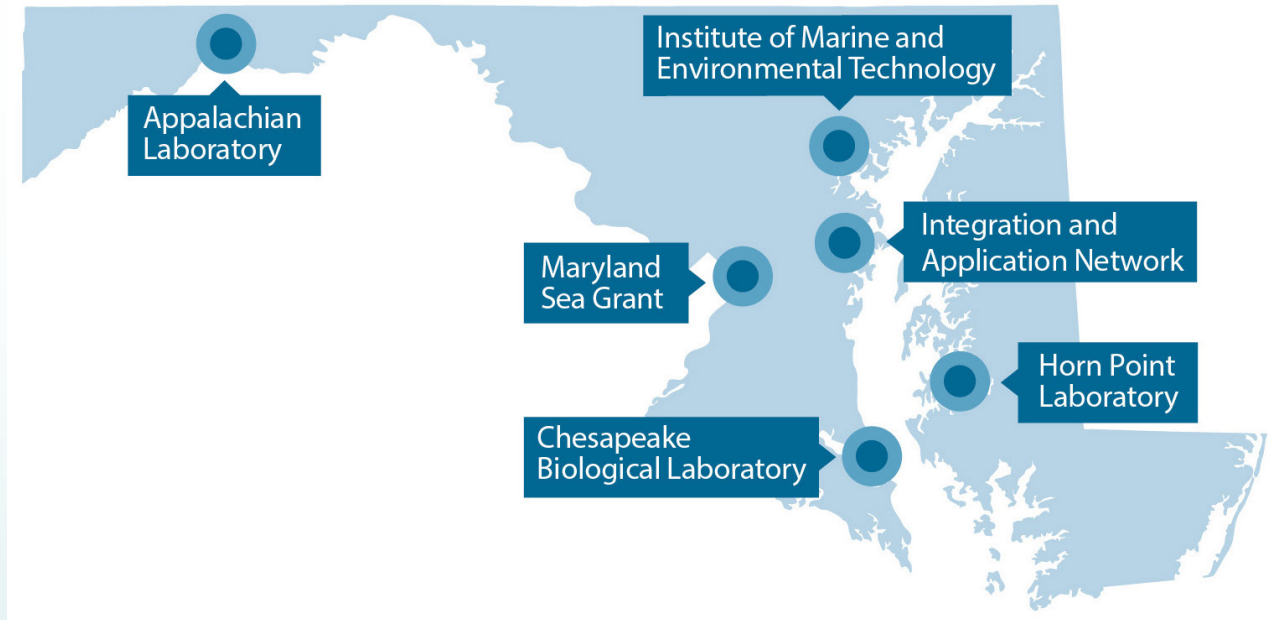


UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE

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

294

Graduate students mentored and graduated in the last 15 years

4 Research Laboratories Across the State

Appalachian Laboratory

supporting 13 faculty and 17 students

Chesapeake Biological Laboratory

supporting 24 faculty and 28 students

Horn Point Laboratory

supporting 28 faculty and 34 students

Institute of Marine and Environmental Technology

supporting 9 UMCES faculty and 15 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

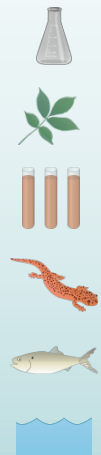
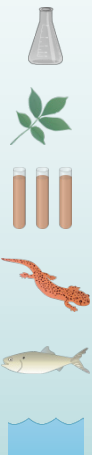
Environment and Society

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



University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

Prepared by the Office of the Vice President for Education, September 2022

MEES GRADUATE STUDENT APPLICATION SUMMARY

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

Fall 2020-2021 MEES Application Information

	2020	2021
Number of Applications	91	90
Number Admitted	35	37
Number Enrolled	26	22
Percent Admitted	38.5%	41.1%
Percent Enrolled	74.3%	59.5%

Spring 2020-2022 MEES Application Information

	2020	2021
Number of Applications	18	16
Number Admitted	8	9
Number Enrolled	7	6
Percent Admitted	44.4%	56.3%
Percent Enrolled	87.5%	66.7%

Source: UMD Institutional Research, Planning, and Assessment

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 2018-Spring 2022	Fall 2022	Fall 2018-Spring 2022	Fall 2022
Environmental Chemistry	-	-	3	-
Ecology	2	-	2	-
Environmental Molecular Biology/Biotechnology	1	-	5	-
Environmental Science	4	-	11	3
Fisheries Science	4	-	3	1
Oceanography	4	-	9	-
<i>Earth and Ocean Systems</i>	16	13	24	16
<i>Ecological Systems</i>	27	15	17	20
<i>Environment and Society</i>	1	2	6	7
<i>Environmental Molecular Science and Technology</i>	5	3	14	10

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 2018-Spring 2022	Fall 2021-Spring 2022
Appalachian Laboratory	21	14
Chesapeake Biological Laboratory	56	33
Horn Point Laboratory	63	35
Institute of Marine and Environmental Technology	28	17

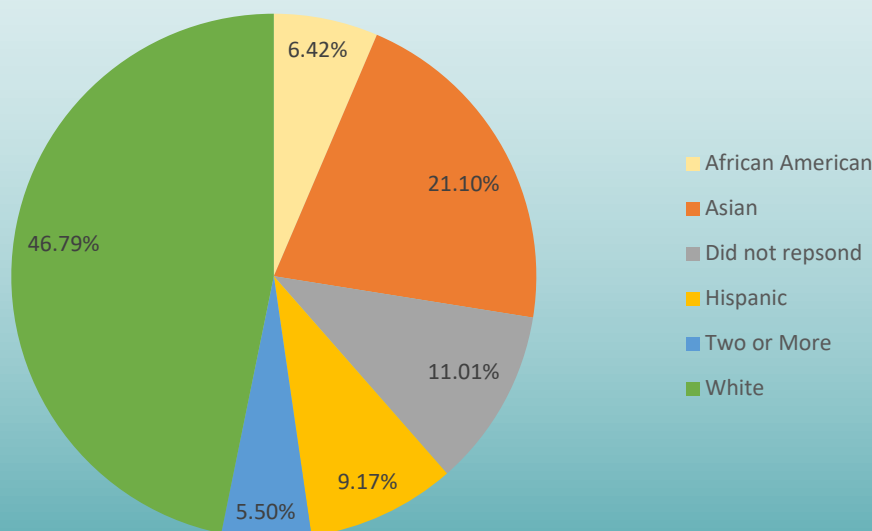
UMCES Student Diversity data from Fall 2021- Spring 2022

24%
of enrollment consists of
International Students

Females
62% 

Males
37% 

Self-Reported Race and Ethnicity Data



note: this data includes all international students



University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

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Degrees Awarded to UMCES Students by Area of Specialization	Masters Degrees		PhD Degrees	
	Summer 2014-Spring 2020	Summer 2021-Spring 2022	Summer 2014-Spring 2020	Summer 2021-Spring 2022
Environmental Chemistry	3	-	2	1
Ecology	10	-	2	1
Environmental Molecular Biology/Biotechnology	3	-	9	2
Environmental Science	8	-	9	1
Fisheries Science	18	1	5	1
Oceanography	4	-	15	-
<i>Ecological Systems</i>	4	2	1	2
<i>Earth and Ocean Systems</i>	5	1	1	7
<i>Environment and Society</i>	1	1	1	-
<i>Environmental Molecular Science and Technology</i>	-	-	-	2

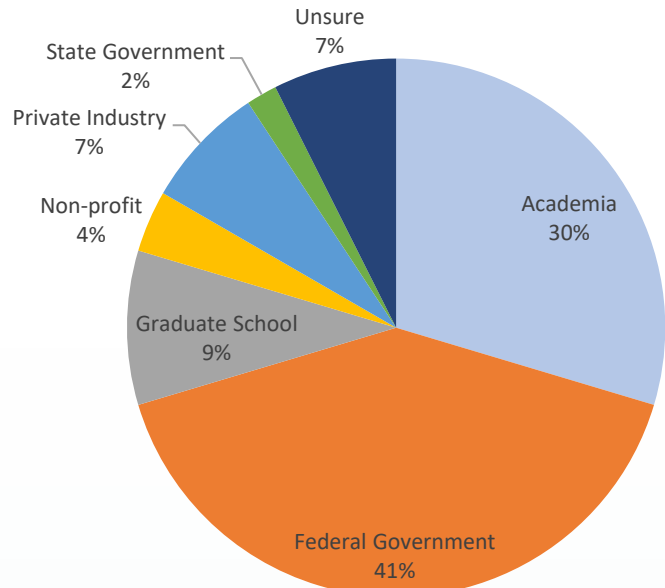
Prepared by the Office of the Vice President for Education, September 2022

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 21-Spring 22	
Years to Completion	3.75
PhD Degree Summer 21-Spring 22	
Years to Completion	5.25

UMCES Student Employment Fall 2017-Spring 2022



Note: 63% of UMCES graduates responded to the exit survey

100%
Student
Retention Rate

for students matriculating 2020

93%
Student
Success Rate

for students matriculating 2014-2020

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/>).