

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.



72

Faculty members who serve as graduate advisors and committee members

239

Graduate students mentored and graduated in the last 13 years

4 Research Laboratories Across the State

Appalachian Laboratory
supporting 12 faculty

Horn Point Laboratory
supporting 27 faculty

Chesapeake Biological Laboratory
supporting 25 faculty

Institute of Marine and Environmental Technology
supporting 8 UMCES faculty



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:

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



Marine-Estuarine-Environmental Sciences (MEEES) Graduate Program



Graduate Program in Life Science (GPILS)



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

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

MEEES Program

The MEEES Program offers 6 Areas of Specialization



ENVIRONMENTAL CHEMISTRY



ECOLOGY



ENVIRONMENTAL MOLECULAR BIOLOGY/BIOTECHNOLOGY

ENVIRONMENTAL SCIENCE



FISHERIES SCIENCE



OCEANOGRAPHY



UMCES faculty members advise students in all 6 Areas of Specialization



UMCES faculty teach more than **80%** of the courses offered by the MEEES 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		2003-2013	2009-2013
Total Applications		972	412
Number Admitted		298	124
Number Enrolled		215	70
MEES Masters Undergraduate GPA			
Average for Applications		3.31	3.32
Average for those Admitted		3.40	3.40
MEES PhD Applications		2003-2013	2009-2013
Applications		1083	436
Number Admitted		350	148
Number Enrolled		205	65
MEES PhD Undergraduate GPA			
Average for Applications		3.34	3.37
Average for those Admitted		3.38	3.40
MEES Average GRE Scores and Percent Rank		2003-2013	
Admitted	Verbal GRE	156 (71%)	
	Quantitative GRE	155 (60%)	
Enrolled	Verbal GRE	154 (63%)	
	Quantitative GRE	151 (45%)	

2014	
Total MEES M.S. and Ph.D. Applications	165
Total Accepted	32
Total Enrolled	29
Average Undergraduate GPA Applied	3.39
Average Undergraduate GPA Accepted	3.44
Average Verbal GRE Applied	152 (57.5%)
Average Verbal GRE Accepted	155 (67.1%)
Average Quantitative GRE Applied	153 (55.3%)
Average Quantitative GRE Accepted	154 (58.0%)

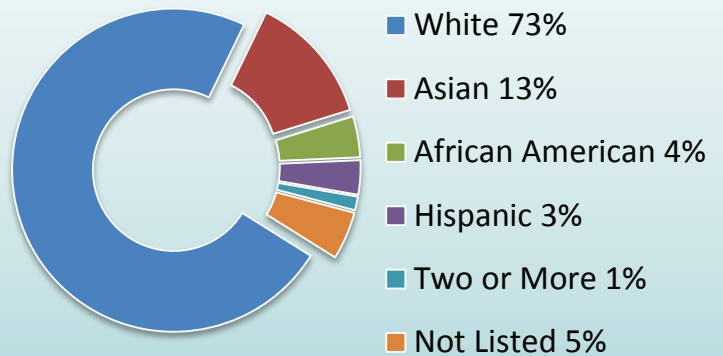


UMCES GRADUATE STUDENT ENROLLMENT SUMMARY

Number of UMCES Students Enrolled in MEES by Area of Specialization	Masters Students		PhD Students	
	2009-2013	2014	2009-2013	2014
Environmental Chemistry	12	2	7	3
Ecology	24	5	15	4
Environmental Molecular Biology/Biotechnology	6	1	18	12
Environmental Science	34	8	26	8
Fisheries Science	31	14	13	6
Oceanography	15	7	26	19

Total UMCES Student Enrollment by Location	2009-2013	2014
Appalachian Laboratory	12	12
Chesapeake Biological Laboratory	53	26
Horn Point Laboratory	75	38
Institute of Marine and Environmental Technology	9	17

UMCES Student Diversity data from 2009-2013



15% of enrollment consists of International Students

Student Retention Rate

96%

90%

Student Success Rate

Females

65%



Males

35%

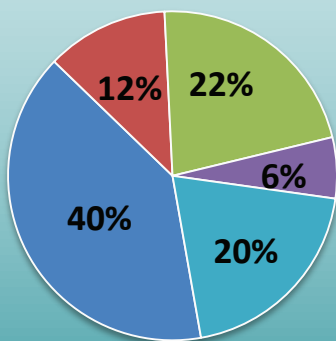


UMCES GRADUATE STUDENT DEGREE SUMMARY

Degrees Awarded to UMCES Students by Area of Specialization	Masters Degrees			PhD Degrees		
	2003-2013	2009-2013	2014	2003-2013	2009-2013	2014
	Environmental Chemistry	20	7	1	13	3
Ecology	15	7	3	11	4	-
Environmental Molecular Biology/Biotechnology	4	3	-	4	3	-
Environmental Science	29	10	4	12	4	1
Fisheries Science	24	13	1	13	5	-
Oceanography	17	6	1	18	8	-

UMCES Student Employment Profile

- Academia†
- Private Industry‡
- Federal Government
- State Government
- Not Reported



Masters Degree	2009-2013	2014
Years to Completion	3.4	2.8
Average Grad GPA	3.6	
PhD Degree	2009-2013	2014
Years to Completion	5.8	6.2
Average Grad GPA	3.7	

Employment Notes

† includes continuing education (pursuing doctoral degree), postdoctoral employment, and faculty positions

‡ includes non-profits and environmental technology companies



DEFINITIONS

Graduate GPA

The mean grade point average earned by UMCES students upon obtaining their degree.

GRE Scores

The mean Graduate Record Examination General Test score reported on the graduate applications to the MEES office. Scores for applications in 2012 were converted to the current GRE scoring system using the GRE Concordance Table https://www.ets.org/s/gre/pdf/concordance_information.pdf

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:

<http://www.umces.edu/education/graduate>

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

