

# USM - University of Maryland Baltimore County

## MISSION

University of Maryland Baltimore County (UMBC) is a dynamic public research university integrating teaching, research, and service to benefit the citizens of Maryland. As an Honors University, the campus offers academically talented students a strong undergraduate liberal arts foundation that prepares them for graduate and professional study, entry into the workforce, and community service and leadership. UMBC emphasizes science, engineering, information technology, human services, and public policy at the graduate level. UMBC contributes to the economic development of the State and the region through entrepreneurial initiatives, workforce training, K-16 partnerships, and technology commercialization in collaboration with public agencies and the corporate community. UMBC is dedicated to cultural and ethnic diversity, social responsibility, and lifelong learning.

## VISION

Our UMBC community redefines excellence in higher education through an inclusive culture that connects innovative teaching and learning, research across disciplines, and civic engagement. We will advance knowledge, economic prosperity, and social justice by welcoming and inspiring inquisitive minds from all backgrounds.

## KEY GOALS, OBJECTIVES, AND PERFORMANCE MEASURES

### Goal 1. Prepare students for work and/or graduate/professional school.

- Obj. 1.1** Increase the employment rate of UMBC graduates six months from graduation from 67 percent in fiscal year 2024 to 70 percent in fiscal year 2029.
- Obj. 1.2** Increase the percentage of bachelor's degree recipients satisfied with the preparation for employment from 73 percent in reporting year 2024 to 80 percent in Survey Year 2029.
- Obj. 1.3** Increase the percent of bachelor's degree recipients enrolled or planning to enroll in graduate/professional school six months following graduation from 23.7 percent in fiscal year 2024 to 25 percent or higher in fiscal year 2029.
- Obj. 1.4** Increase the percentage of bachelor's degree recipients satisfied with the preparation for graduate/professional school from 82.7 percent in fiscal year 2024 to 85 percent or higher in fiscal year 2029.
- Obj. 1.5** Maintain the percent of UMBC's bachelor's degree recipients employed and/or enrolled or planning to enroll in graduate/ professional school within six months of graduation at 90 percent or higher.

Performance Measures (Triennial Measures)	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Employment rate (full or part-time) of bachelor's degree recipients within 6 months of graduation	61.3%	65.4%	65.8%	69.2%	73.9%	74.0%	75.0%
Percent of bachelor's degree recipients satisfied with education received for employment	N/A	74.6%	74.6%	73.0%	78.7%	78.0%	79.0%
Percent of bachelor's degree recipients enrolled or planning to enroll in graduate/professional school within six months of graduation	25.6%	23.2%	24.7%	23.7%	18.6%	20.0%	23.0%
Percent of bachelor's degree recipients satisfied with education received for graduate/professional school	N/A	84.5%	81.9%	82.7%	82.8%	83.0%	84.0%
Percent of bachelor's degree recipients employed and/or enrolled or planning to enroll in graduate/professional school within six months of graduation	86.9%	88.6%	90.5%	92.8%	92.4%	94.0%	95.0%

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## Goal 2. Increase the estimated number of UMBC graduates in key State workforce areas.

- Obj. 2.1** Increase the number of students completing teacher training at UMBC and available to be hired by Maryland public schools from 72 in fiscal year 2024 to 80 in fiscal year 2029.
- Obj. 2.2** Increase the estimated number of UMBC bachelor's degree recipients in science, technology, engineering, mathematics (STEM) fields - areas that are key to success in the knowledge economy for the State of Maryland - from 1,290 in fiscal year 2024 to 1,500 in fiscal year 2029.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Number of undergraduates in teacher training programs	98	65	82	51	73	80	85
Number of post-bachelor's students in teacher training programs	181	144	120	138	117	125	130
Number of undergraduates completing teacher training program	29	25	26	22	12	18	20
Number of post-bachelor's students completing teacher training program	40	55	63	50	26	33	35
Number of undergraduates enrolled in STEM programs	6,561	6,596	6,552	6,481	6,648	6,883	6,900
Number of baccalaureate graduates of STEM programs	1,465	1,456	1,389	1,293	1,357	1,350	1,350
Rank in STEM bachelor's degrees awarded compared to peer institutions	2nd	2nd	2nd	2nd	2nd	2nd	2nd

## Goal 3. Promote economic development.

- Obj. 3.1** Maintain through 2029 the number of companies graduating from UMBC incubator programs each year at six or more.
- Obj. 3.2** Maintain through 2029 the number of jobs created through UMBC's Technology Center and Research Park at 1,425 or more.
- Obj. 3.3** Increase the three-year average of invention disclosures reported by UMBC's Office of Technology Development from 35.7 in fiscal year 2020 to 37 in fiscal year 2029.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Companies graduating from UMBC incubator programs	8	6	7	8	7	7	8
Number of jobs created by UMBC's Technology Center and Research Park	1,460	1,480	1,485	1,425	1,430	1,440	1,450
Three-year average number of invention disclosures	35.0	35.3	34.0	35.7	35.7	37.7	38.3

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## Goal 4. Enhance access and success of traditionally under-represented students in higher education.

**Obj. 4.1** Increase the percentage of First Generation undergraduate students from 29.9 percent in fiscal year 2024 to 35.0 percent in fiscal year 2029.

**Obj. 4.2** Increase the institutional six-year graduation rate for Pell eligible undergraduate students from 68.2 percent in fiscal year 2024 to 70 percent or higher in fiscal year 2029.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Percent First Generation of undergraduate students enrolled	29.4%	29.7%	29.9%	29.9%	29.9%	31.0%	32.0%
Percent minority of undergraduate students enrolled	56.9%	59.0%	61.4%	63.5%	65.2%	66.3%	66.0%
Percent Pell Eligible of new undergraduate students enrolled	32.3%	33.1%	33.5%	32.9%	36.7%	36.0%	36.0%
Six-year graduation rate from UMBC of Pell Eligible undergraduate (First Year First Time & New Transfer) students	63.6%	69.4%	68.6%	68.2%	69.4%	69.5%	70.0%

## Goal 5. Enhance success of all students.

**Obj. 5.1** Maintain a second-year retention rate of UMBC undergraduate students at 90 percent or greater through fiscal year 2029.

**Obj. 5.2** Maintain the six-year graduation rate of UMBC undergraduates at 75 percent or greater through fiscal year 2029.

**Obj. 5.3** Increase the provision of student learning opportunities known to support student success by increasing the percentage of bachelor's degree recipients who engaged in research, internships, service learning and other high impact experiences from 81 percent in fiscal year 2024 to 86 percent in fiscal year 2029.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Ratio of full-time equivalent students to full-time instructional faculty	20.3	21.0	21.7	21.8	19.9	20.0	20.0
Second-year retention rate at UMBC (or another public university in Maryland) of students	90.5%	90.8%	88.8%	90.4%	90.2%	90.0%	90.0%
Six-year graduation rate of students from UMBC (or another public university in Maryland)	77.8%	76.5%	76.7%	77.8%	76.7%	75.0%	75.0%
Time to degree for new transfer students entering UMBC with 60 or more credits and graduating from UMBC	3.20	3.38	3.22	3.20	3.19	3.18	3.17
Percent of undergraduate degree recipients that engaged in an internship, service learning, research opportunity, and/or other high impact experience.	82.0%	79.0%	74.0%	81.0%	85.0%	85.0%	85.5%

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## Goal 6. Provide quality research.

**Obj. 6.1** Maintain the amount of total federal research and development (R&D) expenditures in Science and Engineering (S&E) per full-time faculty at \$150,000 or higher.

**Obj. 6.2** Increase the number of Ph.D. degrees awarded from 90 in fiscal year 2020 to 100 in fiscal year 2029.

**Obj. 6.3** Increase the number of research opportunities for undergraduate students.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Total federal R&D expenditures in S&E per full-time faculty	\$133,130	\$134,371	\$147,981	\$200,444	\$212,118	\$248,310	\$181,820
Number of Ph.D. degrees awarded	89	103	100	90	109	110	110
Number of undergraduate students receiving prestigious scholarships	7	9	4	3	6	6	6
Number of students participating in Undergraduate Research and Creative Achievement Day (URCAD)	254	265	313	364	428	440	450