

UMKC SCHOOL OF SCIENCE & ENGINEERING
SUCCESSFUL GRADUATE OUTCOMES FOR BACCALAUREATE AWARDEES
(AY 2019 to AY2023)

GRADUATE OUTCOMES	AY 2019				AY 2020				AY 2021				AY 2022				AY 2023				
	Successful Graduate Outcomes		Known Post-baccalaureate Status		Successful Graduate Outcomes		Known Post-baccalaureate Status		Successful Graduate Outcomes		Known Post-baccalaureate Status		Successful Graduate Outcomes		Known Post-baccalaureate Status		Successful Graduate Outcomes		Known Post-baccalaureate Status		
	Rate (%)	Calculation (Successful Outcomes N / Known Outcomes N)	Rate (%)	Calculation (Known Outcomes N / Degrees Awarded N)	Rate (%)	Calculation (Successful Outcomes N / Known Outcomes N)	Rate (%)	Calculation (Known Outcomes N / Degrees Awarded N)	Rate (%)	Calculation (Successful Outcomes N / Known Outcomes N)	Rate (%)	Calculation (Known Outcomes N / Degrees Awarded N)	Rate (%)	Calculation (Successful Outcomes N / Known Outcomes N)	Rate (%)	Calculation (Known Outcomes N / Degrees Awarded N)	Rate (%)	Calculation (Successful Outcomes N / Known Outcomes N)	Rate (%)	Calculation (Known Outcomes N / Degrees Awarded N)	
BIOLOGY BA	83.3%	20 / 24	88.9%	24 / 27	70.0%	21 / 30	93.8%	30 / 32	90.5%	38 / 42	76.4%	42 / 55	94.4%	51 / 54	76.1%	54 / 71	100.0%	64 / 64	88.9%	64 / 72	
BIOLOGY BS	70.2%	66 / 94	94.9%	94 / 99	80.4%	82 / 102	92.7%	102 / 110	69.9%	58 / 83	68.6%	83 / 121	86.0%	43 / 50	56.2%	50 / 89	91.0%	81 / 89	89.9%	89 / 99	
CHEMISTRY BA	81.3%	52 / 64	95.5%	64 / 67	81.3%	52 / 64	92.8%	64 / 69	67.2%	43 / 64	79.0%	64 / 81	94.9%	37 / 39	62.9%	39 / 62	92.9%	52 / 56	86.2%	56 / 65	
CHEMISTRY BS	71.4%	10 / 14	93.3%	14 / 15	83.3%	10 / 12	85.7%	12 / 14	75.0%	3 / 4	50.0%	4 / 8	71.4%	5 / 7	70.0%	7 / 10	100.0%	9 / 9	100.0%	9 / 9	
CIVIL ENGINEERING BSCIE	95.8%	23 / 24	96.0%	24 / 25	93.3%	28 / 30	90.9%	30 / 33	60.0%	6 / 10	55.6%	10 / 18	100.0%	21 / 21	67.7%	21 / 31	100.0%	21 / 21	84.0%	21 / 25	
COMPUTER SCIENCE BA	66.7%	6 / 9	81.8%	9 / 11	80.0%	12 / 15	83.3%	15 / 18	*	*	*	*	90.0%	9 / 10	66.7%	10 / 15	71.4%	10 / 14	73.7%	14 / 19	
COMPUTER SCIENCE BS	90.0%	45 / 50	90.9%	50 / 55	82.8%	53 / 64	83.1%	64 / 77	56.9%	33 / 58	72.5%	58 / 80	90.4%	47 / 52	68.4%	52 / 76	90.9%	50 / 55	82.1%	55 / 67	
EARTH & ENVIRONMENTAL SCIENCES BS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	87.5%	7 / 8	53.3%	8 / 15	
ELECTRICAL & COMPUTER ENGINEERING BS	86.0%	49 / 57	98.3%	57 / 58	80.3%	49 / 61	96.8%	61 / 63	75.8%	25 / 33	71.7%	33 / 46	94.1%	32 / 34	56.7%	34 / 60	86.0%	43 / 50	80.6%	50 / 62	
ENVIRONMENTAL STUDIES BA	*	*	*	*	*	*	*	*	50.0%	2 / 4	40.0%	4 / 10	83.3%	5 / 6	75.0%	6 / 8	80.0%	4 / 5	62.5%	5 / 8	
ENVIRONMENTAL STUDIES BS	100.0%	7 / 7	70.0%	7 / 10	68.4%	13 / 19	100.0%	19 / 19	37.5%	3 / 8	66.7%	8 / 12	100.0%	7 / 7	63.6%	7 / 11	*	*	*	*	
GEOGRAPHY BA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GEOGRAPHY BS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GEOLOGY BS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
INFORMATION TECHNOLOGY BIT	94.7%	18 / 19	95.0%	19 / 20	82.6%	19 / 23	92.0%	23 / 25	76.9%	10 / 13	76.5%	13 / 17	50.0%	3 / 6	50.0%	6 / 12	100.0%	13 / 13	86.7%	13 / 15	
MATHEMATICS & STATISTICS BA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MATHEMATICS & STATISTICS BS	70.0%	7 / 10	100.0%	10 / 10	91.7%	11 / 12	80.0%	12 / 15	66.7%	8 / 12	80.0%	12 / 15	100.0%	7 / 7	77.8%	7 / 9	71.4%	5 / 7	77.8%	7 / 9	
MECHANICAL ENGINEERING BSME	85.1%	40 / 47	94.0%	47 / 50	89.8%	44 / 49	94.2%	49 / 52	71.7%	33 / 46	75.4%	46 / 61	96.8%	30 / 31	86.1%	31 / 36	88.6%	31 / 35	94.6%	35 / 37	
PHYSICS BA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PHYSICS BS	71.4%	5 / 7	87.5%	7 / 8	58.3%	7 / 12	92.3%	12 / 13	66.7%	4 / 6	100.0%	6 / 6	100.0%	7 / 7	70.0%	7 / 10	87.5%	7 / 8	88.9%	8 / 9	
URBAN AFFAIRS BA	*	*	*	*	*	*	*	*	100.0%	3 / 3	60.0%	3 / 5	*	*	*	*	*	*	*	*	*
URBAN PLANNING & DESIGN BA	100.0%	7 / 7	100.0%	7 / 7	100.0%	11 / 11	84.6%	11 / 13	60.0%	3 / 5	55.6%	5 / 9	66.7%	4 / 6	66.7%	6 / 9	100.0%	6 / 6	100.0%	6 / 6	

* Indicates programs with fewer than 5 degrees awarded in a year or combined. Statistics have been suppressed in related cells to protect student confidentiality. Success rates with a * in which there is a known outcome rate, do not have any

POST-BACCALAUREATE OUTCOMES DATA NOTES:

1. Knowledge and Outcome Rate data are available for AY's 2019-2023. Data collection methods for AY 2019-23 included the UMKC Graduation Survey, National Student Clearinghouse matching for continuing education 6-months (or more) after graduation, LinkedIn search for employment 6-months (or more) after graduation, and UMKC Advance employment match 6-months (or more) after graduation. Career Services began collecting the outcomes data with the AY2021 cohort, using the 12Twenty software service.
2. Known Post-baccalaureate Status is defined as "... the percent of graduates for which the institution has reasonable and verifiable information concerning the graduates' post-graduation career activities." (NACE, 2014)
3. Successful Graduate Outcomes is defined as "...the percentage of [known] graduates who fall into one of the following categories: employed full-time, employed part-time, participating in a program of voluntary service, serving in the U.S. Armed Forces, or Enrolled in a program of continuing education." (NACE, 2014)
4. Total degrees awarded by academic program/plan include those plans awarded to graduates with multiple majors or double degrees.