

## Trends in Persistence of First-time, Full-time Freshmen in STEM majors All STEM

Cohort	Number of Students	4th Year Grad	5th Year Grad	6th Year Grad	7th Year Grad	8th Year Grad	Retained to 2nd Fall	Retained to 3rd Fall	Retained to 4th Fall	Retained to 5th Fall	Retained to 6th Fall	Retained to 7th Fall	Retained to 8th Fall
200780	294	17.7%	36.7%	43.2%	46.3%	46.9%	72.4%	62.6%	58.2%	53.4%	50.3%	51.7%	49.3%
200880	251	14.7%	38.2%	47.4%	49.0%	51.0%	79.3%	65.7%	59.8%	58.6%	55.4%	54.2%	54.6%
200980	322	19.6%	41.6%	47.5%	49.7%	51.9%	78.9%	66.8%	59.9%	57.1%	55.0%	54.7%	54.0%
201080	279	22.6%	41.9%	50.5%	53.0%	53.8%	80.6%	67.7%	62.4%	59.1%	56.6%	58.4%	59.1%
201180	303	21.1%	38.6%	48.8%	51.2%	52.1%	77.2%	65.0%	59.4%	58.4%	55.4%	55.1%	55.1%
201280	219	20.1%	44.3%	52.1%	54.3%	.	80.4%	65.3%	62.6%	60.7%	60.7%	57.5%	58.9%
201380	205	22.9%	41.0%	46.8%	.	.	76.6%	68.3%	57.1%	57.1%	55.6%	53.2%	.
201480	288	31.6%	50.3%	.	.	.	78.8%	65.3%	62.2%	61.8%	60.1%	.	.
201580	275	33.8%	.	.	.	.	81.1%	72.7%	67.6%	65.5%	.	.	.
201680	375	.	.	.	.	.	78.4%	65.3%	58.7%	.	.	.	.
201780	385	.	.	.	.	.	77.1%	61.0%	.	.	.	.	.
201880	739	.	.	.	.	.	79.7%	.	.	.	.	.	.
201980	734	.	.	.	.	.	.	.	.	.	.	.	.

This factsheet reports changes over time in persistence statistics for first-time, full-time freshmen STEM majors attending the University of Memphis. Students in a STEM major who initially matriculated in a fall term or began their studies in the summer are considered first-time freshmen. This includes students who entered with advanced standing (college credit earned before graduation from high school). Each student is followed for eight years (or through the most recent year available) after his/her initial term. A student who enrolled for classes in the fall term of a given year and remained in a STEM major is said to have been retained for that year. The student may change majors into a different STEM major and still be considered retained for that year. Graduation rates shown are cumulative. NOTE: GRADUATION YEAR INCLUDES FALL THROUGH SUMMER TERMS.

## Trends in Persistence of First-time, Full-time Freshmen in STEM majors African American STEM

Cohort	Number of Students	4th Year Grad	5th Year Grad	6th Year Grad	7th Year Grad	8th Year Grad	Retained to 2nd Fall	Retained to 3rd Fall	Retained to 4th Fall	Retained to 5th Fall	Retained to 6th Fall	Retained to 7th Fall	Retained to 8th Fall
200780	94	8.5%	23.4%	34.0%	39.4%	39.4%	67.0%	58.5%	54.3%	45.7%	40.4%	45.7%	42.6%
200880	75	6.7%	24.0%	32.0%	33.3%	34.7%	78.7%	53.3%	52.0%	52.0%	42.7%	36.0%	37.3%
200980	77	9.1%	26.0%	37.7%	41.6%	42.9%	81.8%	62.3%	51.9%	53.2%	46.8%	49.4%	46.8%
201080	75	9.3%	26.7%	37.3%	37.3%	38.7%	73.3%	56.0%	52.0%	45.3%	42.7%	44.0%	45.3%
201180	83	9.6%	19.3%	31.3%	32.5%	33.7%	68.7%	45.8%	38.6%	38.6%	36.1%	36.1%	37.3%
201280	59	6.8%	33.9%	44.1%	49.2%	.	79.7%	66.1%	64.4%	61.0%	66.1%	54.2%	57.6%
201380	53	11.3%	34.0%	39.6%	.	.	77.4%	66.0%	56.6%	58.5%	58.5%	49.1%	.
201480	61	18.0%	39.3%	.	.	.	77.0%	55.7%	57.4%	55.7%	54.1%	.	.
201580	52	28.8%	.	.	.	.	71.2%	61.5%	61.5%	59.6%	.	.	.
201680	111	.	.	.	.	.	71.2%	59.5%	52.3%	.	.	.	.
201780	97	.	.	.	.	.	80.4%	62.9%	.	.	.	.	.
201880	227	.	.	.	.	.	73.6%	.	.	.	.	.	.
201980	250	.	.	.	.	.	.	.	.	.	.	.	.

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## Trends in Persistence of First-time, Full-time Freshmen in STEM majors Asian STEM

Cohort	Number of Students	4th Year Grad	5th Year Grad	6th Year Grad	7th Year Grad	8th Year Grad	Retained to 2nd Fall	Retained to 3rd Fall	Retained to 4th Fall	Retained to 5th Fall	Retained to 6th Fall	Retained to 7th Fall	Retained to 8th Fall
200780	12	58.3%	58.3%	75.0%	75.0%	75.0%	91.7%	91.7%	83.3%	83.3%	91.7%	91.7%	75.0%
200880	22	22.7%	40.9%	50.0%	54.5%	54.5%	81.8%	68.2%	59.1%	59.1%	54.5%	54.5%	59.1%
200980	8	37.5%	37.5%	37.5%	37.5%	50.0%	87.5%	62.5%	50.0%	50.0%	50.0%	50.0%	50.0%
201080	19	47.4%	52.6%	63.2%	73.7%	73.7%	94.7%	84.2%	84.2%	78.9%	73.7%	78.9%	78.9%
201180	14	35.7%	57.1%	78.6%	78.6%	78.6%	85.7%	78.6%	78.6%	78.6%	78.6%	78.6%	78.6%
201280	11	36.4%	54.5%	72.7%	72.7%	.	81.8%	72.7%	72.7%	81.8%	81.8%	81.8%	81.8%
201380	4	.	25.0%	25.0%	.	.	50.0%	50.0%	25.0%	25.0%	25.0%	25.0%	.
201480	15	26.7%	40.0%	.	.	.	86.7%	60.0%	60.0%	73.3%	66.7%	.	.
201580	10	70.0%	.	.	.	.	100.0%	100.0%	90.0%	100.0%	.	.	.
201680	18	.	.	.	.	.	88.9%	77.8%	83.3%	.	.	.	.
201780	16	.	.	.	.	.	75.0%	56.3%	.	.	.	.	.
201880	41	.	.	.	.	.	95.1%	.	.	.	.	.	.
201980	32	.	.	.	.	.	.	.	.	.	.	.	.

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## Trends in Persistence of First-time, Full-time Freshmen in STEM majors Hispanic STEM

Cohort	Number of Students	4th Year Grad	5th Year Grad	6th Year Grad	7th Year Grad	8th Year Grad	Retained to 2nd Fall	Retained to 3rd Fall	Retained to 4th Fall	Retained to 5th Fall	Retained to 6th Fall	Retained to 7th Fall
200780	7	. 14.3%	14.3%	28.6%	28.6%		57.1%	57.1%	42.9%	42.9%	42.9%	28.6%
200880	4	25.0%	75.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
200980	7	14.3%	28.6%	28.6%	28.6%	28.6%	85.7%	28.6%	42.9%	28.6%	28.6%	28.6%
201080	14	21.4%	21.4%	35.7%	35.7%	35.7%	85.7%	57.1%	42.9%	42.9%	42.9%	42.9%
201180	8	. 25.0%	25.0%	25.0%	25.0%		62.5%	50.0%	50.0%	50.0%	37.5%	25.0%
201280	10	30.0%	60.0%	70.0%	70.0%	.	100.0%	80.0%	80.0%	70.0%	70.0%	70.0%
201380	15	20.0%	40.0%	66.7%	.	.	80.0%	80.0%	66.7%	66.7%	66.7%	66.7%
201480	12	16.7%	58.3%	.	.	.	66.7%	58.3%	58.3%	58.3%	58.3%	.
201580	22	40.9%	.	.	.	.	90.9%	77.3%	77.3%	63.6%	.	.
201680	26	.	.	.	.	.	84.6%	61.5%	42.3%	.	.	.
201780	28	.	.	.	.	.	71.4%	67.9%	.	.	.	.
201880	66	.	.	.	.	.	87.9%	.	.	.	.	.
201980	62	.	.	.	.	.	.	.	.	.	.	.

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## Trends in Persistence of First-time, Full-time Freshmen in STEM majors White STEM

Cohort	Number of Students	4th Year Grad	5th Year Grad	6th Year Grad	7th Year Grad	8th Year Grad	Retained to 2nd Fall	Retained to 3rd Fall	Retained to 4th Fall	Retained to 5th Fall	Retained to 6th Fall	Retained to 7th Fall	Retained to 8th Fall
200780	175	20.6%	43.4%	47.4%	49.1%	50.3%	74.9%	62.9%	58.9%	55.4%	53.1%	53.1%	52.0%
200880	136	17.6%	44.9%	52.9%	54.4%	57.4%	77.2%	70.6%	62.5%	60.3%	60.3%	62.5%	61.8%
200980	195	23.6%	48.7%	53.3%	54.4%	56.4%	76.9%	69.2%	64.6%	61.0%	59.0%	57.9%	57.9%
201080	162	25.3%	48.8%	56.2%	59.3%	59.9%	81.5%	71.6%	65.4%	63.6%	61.7%	63.0%	64.2%
201180	176	25.0%	47.2%	55.7%	58.5%	59.7%	79.5%	73.9%	68.2%	66.5%	63.1%	62.5%	62.5%
201280	127	23.6%	47.2%	53.5%	54.3%	.	78.0%	63.8%	59.8%	58.3%	55.9%	55.9%	56.7%
201380	116	31.0%	44.8%	48.3%	.	.	75.9%	67.2%	54.3%	56.0%	52.6%	51.7%	.
201480	184	39.7%	57.1%	.	.	.	81.5%	71.7%	66.3%	65.2%	64.1%	.	.
201580	161	31.7%	.	.	.	.	82.0%	73.3%	66.5%	64.6%	.	.	.
201680	185	.	.	.	.	.	80.5%	67.0%	61.6%	.	.	.	.
201780	173	.	.	.	.	.	80.3%	71.1%	.	.	.	.	.
201880	323	.	.	.	.	.	80.2%	.	.	.	.	.	.
201980	316	.	.	.	.	.	.	.	.	.	.	.	.

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