SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Graduation and Retention Rates by Program
School of Engineering Graduate Programs
Academic Year 2024

Prepared by The Office of Institutional Research and Studies

Spring 2025

Study Methods

The Graduation and Retention Rates by Program reports present program success rates for the last ten academic years. The study includes any student working toward a Master's degree, Education Specialist (Ed.S.), Doctorate, or Doctor of Professional Practice in Pharmacy. Certificate programs (P.B., P.M., S.D.) are not included at this time.

Students were assigned into program cohorts based on the academic year in which they initially declared and enrolled in their major. Students were tracked within their program cohorts through subsequent academic years to determine the program success rate (graduation plus retention rates) at year 2, year 4, and year 6. Within each program cohort, students were categorized as full-time or part-time based on their time status in their first term in their major.

Graduation rates displayed are cumulative, i.e. the rate for Year 6 includes students counted for the Year 4 and Year 2 rates. The reports also include the SIUE Graduation rate at Year 6. This rate includes students in the program graduation rate plus students who changed majors and were awarded an SIUE graduate-level degree in a different program. The retention rates are based on retention in the year displayed only, and students included in the graduation rate are not also included in the retention rate.

These reports rely on a custom data set developed with the assistance of SIUE's department of Information Technology Services. The credit hours required to graduate for each program were obtained from the Graduate catalog.

Southern Illinois University Edwardsville School of Engineering - Success Rate by Major Program through Spring 2024 Level: Graduate

Department: Civil EngineeringM.S. in Civil Engineering (ENGC)

Year 2											Year 6					
				Yea	r 2			Yea	r 4			<u> </u>				
Program			Program	Program	Program	Median Credit	Program	Program	Program	Median Credit	Program	Program	Program	Median Credit	SIUE	
Cohort	Time		Graduation	_	Success	Hours to	Graduation	Retention	Success	Hours to	Graduation	Retention	Success	Hours to	Graduation	
Year	Status	Count	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate	
2013-14	Total	28	17.9%	57.1%	75.0%	31.0	53.6%	17.9%	71.4%	31.0	64.3%	10.7%	75.0%	31.0	64.3%	
	FT	7	28.6%	28.6%	57.1%	31.0	57.1%	0.0%	57.1%	30.5	57.1%	0.0%	57.1%	30.5	57.1%	
	PT	21	14.3%	66.7%	81.0%	31.0	52.4%	23.8%	76.2%	31.0	66.7%	14.3%	81.0%	31.0	66.7%	
2014-15	Total	32	6.3%	78.1%	84.4%	30.5	50.0%	21.9%	71.9%	31.0	56.3%	9.4%	65.6%	31.0	56.3%	
	FT	9	11.1%	88.9%	100.0%	31.0	88.9%	0.0%	88.9%	31.0	88.9%	0.0%	88.9%	31.0	88.9%	
	PT	23	4.3%	73.9%	78.3%	30.0	34.8%	30.4%	65.2%	31.0	43.5%	13.0%	56.5%	31.0	43.5%	
2015-16	Total	25	28.0%	56.0%	84.0%	34.0	64.0%	12.0%	76.0%	33.0	72.0%	4.0%	76.0%	33.0	72.0%	
	FT	6	50.0%	16.7%	66.7%	36.0	66.7%	0.0%	66.7%	35.0	66.7%	0.0%	66.7%	35.0	66.7%	
	PT	19	21.1%	68.4%	89.5%	32.0	63.2%	15.8%	78.9%	32.0	73.7%	5.3%	78.9%	32.0	73.7%	
2016-17	Total	17	5.9%	82.4%	88.2%	78.0	58.8%	17.6%	76.5%	31.0	64.7%	5.9%	70.6%	31.0	64.7%	
	FT	3	0.0%	100.0%	100.0%		66.7%	33.3%	100.0%	35.5	66.7%	33.3%	100.0%	35.5	66.7%	
	PT	14	7.1%	78.6%	85.7%	78.0	57.1%	14.3%	71.4%	31.0	64.3%	0.0%	64.3%	31.0	64.3%	
2017-18	Total	21	23.8%	61.9%	85.7%	31.0	66.7%	9.5%	76.2%	31.0	71.4%	0.0%	71.4%	31.0	71.4%	
	FT	3	66.7%	33.3%	100.0%	35.0	100.0%	0.0%	100.0%	33.0	100.0%	0.0%	100.0%	33.0	100.0%	
	PT	18	16.7%	66.7%	83.3%	31.0	61.1%	11.1%	72.2%	30.0	66.7%	0.0%	66.7%	30.5	66.7%	
2018-19	Total	19	21.1%	57.9%	78.9%	31.0	63.2%	5.3%	68.4%	31.0	63.2%	0.0%	63.2%	31.0		
	FT	3	33.3%	66.7%	100.0%	31.0	100.0%	0.0%	100.0%	31.0	100.0%	0.0%	100.0%	31.0		
	PT	16		56.3%	75.0%	31.0	56.3%	6.3%	62.5%	31.0		0.0%	56.3%	31.0	56.3%	
2019-20	Total	26		61.5%	92.3%	31.0	61.5%	15.4%	76.9%	31.0						
	FT	5	60.0%	40.0%	100.0%	31.0	60.0%	20.0%	80.0%	31.0						
	PT	21	23.8%	66.7%	90.5%	31.0	61.9%	14.3%	76.2%	31.0						
2020-21	Total	20		55.0%	75.0%	31.0	70.0%	5.0%	75.0%	31.0						
	FT	4		25.0%	100.0%	31.0	100.0%	0.0%	100.0%	31.0						
	PT	16		62.5%	68.8%	31.0	62.5%	6.3%	68.8%	30.5						
2021-22	Total	45	-	53.3%	77.8%	31.0										
	FT	27		63.0%	81.5%	31.0										
	PT	18		38.9%	72.2%	30.5										
2022-23	Total	43		32.6%	60.5%	31.0										
	FT	26		38.5%	76.9%	31.0										
	PT	17	11.8%	23.5%	35.3%	30.0										

Southern Illinois University Edwardsville School of Engineering - Success Rate by Major Program through Spring 2024 Level: Graduate

Department: Computer Science

M.S. in Computer Science (CPSI)

				Yea	r 2			Yea	r 4						
Cohort	Time		Program Graduation	Program Retention	Program Success	Median Credit Hours to	Program Graduation	Program Retention	Program Success	Median Credit Hours to	Program Graduation	Program Retention	Program Success	Median Credit Hours to	SIUE Graduation
Year	Status	Count	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate
2013-14	Total	19		57.9%	84.2%	37.0		5.3%	63.2%	37.0		5.3%	63.2%	37.0	
	FT	4	100.0%	0.0%	100.0%	38.5	100.0%	0.0%	100.0%	38.5	100.0%	0.0%	100.0%	38.5	100.0%
	PT	15	6.7%	73.3%	80.0%	37.0	46.7%	6.7%	53.3%	37.0	46.7%	6.7%	53.3%	37.0	46.7%
2014-15	Total	25	16.0%	56.0%	72.0%	37.0	52.0%	0.0%	52.0%	37.0	52.0%	0.0%	52.0%	37.0	56.0%
	FT	6	33.3%	66.7%	100.0%	37.0	100.0%	0.0%	100.0%	37.0	100.0%	0.0%	100.0%	37.0	100.0%
	PT	19	10.5%	52.6%	63.2%	37.0	36.8%	0.0%	36.8%	37.0	36.8%	0.0%	36.8%	37.0	42.1%
2015-16	Total	12	0.0%	75.0%	75.0%		50.0%	25.0%	75.0%	37.0	50.0%	16.7%	66.7%	37.0	58.3%
	FT	2	0.0%	100.0%	100.0%		100.0%	0.0%	100.0%	37.0	100.0%	0.0%	100.0%	37.0	100.0%
	PT	10	0.0%	70.0%	70.0%		40.0%	30.0%	70.0%	37.0	40.0%	20.0%	60.0%	37.0	50.0%
2016-17	Total	16	12.5%	62.5%	75.0%	35.5	62.5%	6.3%	68.8%	37.0	68.8%	0.0%	68.8%	37.0	68.8%
	FT	11	18.2%	54.5%	72.7%	35.5	72.7%	0.0%	72.7%	37.0	72.7%	0.0%	72.7%	37.0	72.7%
	PT	5	0.0%	80.0%	80.0%		40.0%	20.0%	60.0%	40.0	60.0%	0.0%	60.0%	43.0	60.0%
2017-18	Total	10	0.0%	80.0%	80.0%		40.0%	10.0%	50.0%	37.0	40.0%	10.0%	50.0%	37.0	40.0%
	FT	1	0.0%	100.0%	100.0%		0.0%	0.0%	0.0%		0.0%	0.0%	0.0%		0.0%
	PT	9	0.0%	77.8%	77.8%		44.4%	11.1%	55.6%	37.0	44.4%	11.1%	55.6%	37.0	44.4%
2018-19	Total	18	0.0%	77.8%	77.8%		61.1%	5.6%	66.7%	34.0	61.1%	0.0%	61.1%	34.0	61.1%
	FT	3	0.0%	100.0%	100.0%		100.0%	0.0%	100.0%	34.0	100.0%	0.0%	100.0%	34.0	100.0%
	PT	15	0.0%	73.3%	73.3%		53.3%	6.7%	60.0%	34.0	53.3%	0.0%	53.3%	34.0	53.3%
2019-20	Total	37		75.7%	89.2%	34.0	81.1%	2.7%	83.8%	34.0					
	FT	23	17.4%	82.6%	100.0%	34.0	100.0%	0.0%	100.0%	34.0					
	PT	14		64.3%	71.4%	34.0	50.0%	7.1%	57.1%	34.0					
2020-21	Total	13	23.1%	69.2%	92.3%	34.0	69.2%	7.7%	76.9%	34.0					
	FT	6		66.7%	100.0%	35.5		16.7%	100.0%	34.0					
	PT	7		71.4%	85.7%	34.0		0.0%	57.1%	35.5					
2021-22	Total	52		53.8%	86.5%	34.0									
	FT	26		46.2%	84.6%	34.0									
	PT	26		61.5%	88.5%	34.0									
2022-23	Total	29		62.1%	79.3%	34.0									
	FT	20		70.0%	90.0%	34.0									
	PT	9	11.1%	44.4%	55.6%	34.0									

Southern Illinois University Edwardsville

School of Engineering - Success Rate by Major Program through Spring 2024

Level: Graduate

Department: Electrical and Computer Engineering

M.S. in Electrical and Computer Engineering (ENEC), formerly Electrical Engineering (ENGE)

				Yea	r 2			Yea	r 4						
						Median				Median				Median	
			Program	Program	Program	Credit	Program	Program	Program	Credit	Program	Program	Program	Credit	SIUE
Cohort	Time		Graduation	Retention	Success	Hours to	Graduation		Success	Hours to	Graduation		Success	Hours to	Graduation
Year	Status	Count	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate
2013-14	Total	41		58.5%	90.2%	33.0		0.0%	87.8%	33.0	87.8%	0.0%	87.8%	33.0	
	FT	18		33.3%	94.4%	33.0		0.0%	94.4%	33.0		0.0%	94.4%	33.0	
	PT	23		78.3%	87.0%	33.0		0.0%	82.6%	33.0		0.0%	82.6%	33.0	
2014-15	Total	54		29.6%	83.3%	33.0		1.9%	79.6%	33.0		0.0%	79.6%	33.0	
	FT	35		25.7%	100.0%	33.0		0.0%	97.1%	33.0		0.0%	97.1%	33.0	
	PT	19		36.8%	52.6%	33.0		5.3%	47.4%	36.0		0.0%	47.4%	36.0	
2015-16	Total	24		62.5%	83.3%	36.0		8.3%	83.3%	36.0	75.0%	4.2%	79.2%	36.0	
	FT	13		61.5%	100.0%	36.0		0.0%	100.0%	36.0		0.0%	100.0%	36.0	
	PT	11	0.0%	63.6%	63.6%		45.5%	18.2%	63.6%	39.0		9.1%	54.5%	39.0	
2016-17	Total	35		71.4%	91.4%	36.0		5.7%	82.9%	33.0	80.0%	2.9%	82.9%	33.0	
	FT	17	41.2%	58.8%	100.0%	36.0		0.0%	88.2%	33.0		0.0%	88.2%	33.0	
	PT	18		83.3%	83.3%		66.7%	11.1%	77.8%	34.5	72.2%	5.6%	77.8%	33.0	
2017-18	Total	29		44.8%	82.8%	33.0		0.0%	65.5%	33.0	65.5%	0.0%	65.5%	33.0	
	FT	13		38.5%	92.3%	33.0	84.6%	0.0%	84.6%	33.0	84.6%	0.0%	84.6%	33.0	92.3%
	PT	16		50.0%	75.0%	33.0	50.0%	0.0%	50.0%	33.0	50.0%	0.0%	50.0%	33.0	62.5%
2018-19	Total	25		44.0%	80.0%	33.0		4.0%	72.0%	33.0	72.0%	0.0%	72.0%	33.0	
	FT	10		40.0%	90.0%	33.0	80.0%	0.0%	80.0%	34.5	80.0%	0.0%	80.0%	34.5	
	PT	15	26.7%	46.7%	73.3%	33.0	60.0%	6.7%	66.7%	33.0	66.7%	0.0%	66.7%	33.0	66.7%
2019-20	Total	17	17.6%	76.5%	94.1%	33.0	64.7%	17.6%	82.4%	33.0					
	FT	5	40.0%	60.0%	100.0%	33.0	100.0%	0.0%	100.0%	33.0					
	PT	12	8.3%	83.3%	91.7%	33.0	50.0%	25.0%	75.0%	33.0					
2020-21	Total	18	22.2%	44.4%	66.7%	33.0	55.6%	11.1%	66.7%	34.5					
	FT	11	27.3%	63.6%	90.9%	33.0	72.7%	18.2%	90.9%	33.0					
	PT	7	14.3%	14.3%	28.6%	36.0	28.6%	0.0%	28.6%	39.0					
2021-22	Total	53	34.0%	56.6%	90.6%	33.0									
	FT	32	34.4%	56.3%	90.6%	33.0									
	PT	21	33.3%	57.1%	90.5%	33.0									
2022-23	Total	33	42.4%	24.2%	66.7%	33.0									
	FT	18	61.1%	22.2%	83.3%	33.0									
	PT	15	20.0%	26.7%	46.7%	36.0									

Southern Illinois University Edwardsville School of Engineering - Success Rate by Major Program through Spring 2024 Level: Graduate

Department: Industrial EngineeringM.S. in Industrial Engineering (ENGI)

				Yea	r 2			Yea	r 4		Year 6					
						Median				Median				Median		
			Program	Program	Program	Credit	Program	Program	Program	Credit	Program	Program	Program	Credit	SIUE	
Cohort	Time		Graduation		Success	Hours to	Graduation		Success	hours to	Graduation		Success	hours to	Graduation	
Year	Status	Count	Rate	Rate	Rate	Degree	Rate	Rate	Rate	degree	Rate	Rate	Rate	degree	Rate	
2013-14	Total	18		77.8%	94.4%	33.0		5.6%	77.8%	33.0		0.0%	72.2%	33.0		
	FT	11	18.2%	72.7%	90.9%	31.5	63.6%	0.0%	63.6%	33.0		0.0%	63.6%	33.0		
	PT	7		85.7%	100.0%	33.0		14.3%	100.0%	33.0		0.0%	85.7%	33.0		
2014-15	Total 	12		58.3%	83.3%	33.0		8.3%	66.7%	33.0		0.0%	66.7%	33.0		
	FT	6		33.3%	83.3%	33.0		0.0%	83.3%	33.0		0.0%	83.3%	33.0		
	PT	6		83.3%	83.3%		33.3%	16.7%	50.0%	43.5	50.0%	0.0%	50.0%	33.0		
2015-16	Total	11		54.5%	72.7%	31.5		9.1%	72.7%	33.0		0.0%	63.6%	33.0		
	FT	7	14.3%	85.7%	100.0%	33.0		14.3%	100.0%	34.5	85.7%	0.0%	85.7%	34.5		
2016 17	PT	4		0.0%	25.0%	30.0		0.0%	25.0%	30.0		0.0%	25.0%	30.0		
2016-17	Total	19	42.1%	47.4%	89.5%	31.5	68.4%	15.8%	84.2%	33.0		0.0%	78.9%	33.0		
	FT	13		38.5%	100.0%	31.5		7.7%	100.0%	33.0		0.0%	92.3%	33.0		
2047.40	PT	6		66.7%	66.7%	20.0	16.7%	33.3%	50.0%	30.0		0.0%	50.0%	33.0		
2017-18	Total	21		76.2%	100.0%	30.0		0.0%	95.2%	33.0		0.0%	100.0%	33.0		
	FT	14	35.7%	64.3%	100.0%	30.0		0.0%	92.9%	33.0		0.0%	100.0%	33.0		
2040 40	PT	7	0.0%	100.0%	100.0%	24 5	100.0%	0.0%	100.0%	33.0		0.0%	100.0%	33.0		
2018-19	Total	13		84.6%	100.0%	31.5	84.6%	7.7%	92.3%	33.0		0.0%	92.3%	33.0		
	FT	10		80.0%	100.0%	31.5	100.0%	0.0%	100.0%	34.5	100.0%	0.0%	100.0%	34.5		
2010 20	PT	3		100.0%	100.0%	20.0	33.3%	33.3%	66.7%	30.0		0.0%	66.7%	31.5	66.7%	
2019-20	Total	14		50.0%	85.7%	30.0		0.0%	85.7%	33.0						
	FT	10		50.0%	90.0%	30.0		0.0%	90.0%	33.0						
2020 21	PT	4 8		50.0%	75.0%	36.0		0.0%	75.0%	33.0						
2020-21	Total			62.5%	100.0%	33.0		0.0%	100.0%	36.0						
	FT PT	5 3		80.0%	100.0%	36.0		0.0%	100.0%	36.0						
2021 22	Total	75		33.3%	100.0%	31.5		0.0%	100.0%	33.0						
2021-22		75 39		44.0%	76.0%	33.0										
	FT PT	39 36		56.4%	92.3%	33.0										
2022-23	Total	110		30.6% 30.0%	58.3% 60.9%	33.0 33.0										
2022-23	FT	66		31.8%	74.2%	33.0										
	PT	44		27.3%	40.9%	33.0										
	PI	44	13.0%	27.5/0	40.5/0	33.0										

Southern Illinois University Edwardsville

School of Engineering - Success Rate by Major Program through Spring 2024

Level: Graduate

Department: Mechanical and Mechatronics Engineering

M.S. in Mechanical Engineering (ENGM)

				Yea	r 2			Yea	r 4						
						Median				Median				Median	
			Program	Program	Program	Credit	Program	Program	Program	Credit	Program	Program	Program	Credit	SIUE
Cohort	Time		Graduation		Success	Hours to	Graduation		Success	Hours to	Graduation		Success	Hours to	Graduation
Year	Status	Count	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate	Rate	Rate	Degree	Rate
2013-14	Total	36		75.0%	86.1%	30.0		8.3%	66.7%	30.0		2.8%	66.7%	30.0	
	FT	13	30.8%	61.5%	92.3%	30.0		0.0%	69.2%	30.0		0.0%	69.2%	30.0	
	PT	23		82.6%	82.6%		52.2%	13.0%	65.2%	30.0		4.3%	65.2%	30.0	
2014-15	Total	30		73.3%	93.3%	30.0		13.3%	76.7%	30.0		0.0%	73.3%	30.0	
	FT	14		71.4%	100.0%	30.0		0.0%	85.7%	30.0		0.0%	85.7%	30.0	
	PT	16		75.0%	87.5%	30.0		25.0%	68.8%	33.0		0.0%	62.5%	34.5	
2015-16	Total	27		77.8%	88.9%	30.0		11.1%	74.1%	32.0		3.7%	70.4%	31.5	
	FT	14	14.3%	71.4%	85.7%	30.5	57.1%	14.3%	71.4%	33.0		7.1%	64.3%	33.0	
	PT	13		84.6%	92.3%	30.0		7.7%	76.9%	31.0		0.0%	76.9%	31.0	
2016-17	Total	22		72.7%	81.8%	30.0		9.1%	68.2%	30.0		4.5%	63.6%	30.0	
	FT	9		55.6%	77.8%	30.0		0.0%	66.7%	30.0		0.0%	66.7%	30.0	
	PT	13		84.6%	84.6%		53.8%	15.4%	69.2%	30.0		7.7%	61.5%	30.0	
2017-18	Total	16		75.0%	87.5%	30.0		6.3%	31.3%	30.0		0.0%	25.0%	30.0	
	FT	4	25.0%	75.0%	100.0%	30.0		0.0%	50.0%	30.0		0.0%	50.0%	30.0	
	PT	12		75.0%	83.3%	30.0		8.3%	25.0%	30.0		0.0%	16.7%	30.0	
2018-19	Total	19		63.2%	73.7%	33.0		10.5%	57.9%	30.0		0.0%	57.9%	30.0	
	FT	9		55.6%	77.8%	33.0		0.0%	55.6%	33.0		0.0%	55.6%	33.0	
	PT	10		70.0%	70.0%		40.0%	20.0%	60.0%	30.0		0.0%	60.0%	30.0	70.0%
2019-20	Total	13		69.2%	84.6%	30.0		15.4%	69.2%	30.0					
	FT	5		80.0%	80.0%		40.0%	40.0%	80.0%	34.5					
	PT	8		62.5%	87.5%	30.0		0.0%	62.5%	30.0					
2020-21	Total	12		25.0%	66.7%	30.0		0.0%	66.7%	30.0					
	FT	5		20.0%	60.0%	30.0		0.0%	60.0%	30.0					
	PT	7		28.6%	71.4%	30.0		0.0%	71.4%	30.0					
2021-22	Total	48		60.4%	66.7%	30.0									
	FT	12		75.0%	83.3%	30.0									
	PT	36		55.6%	61.1%	30.0									
2022-23	Total	53	20.8%	30.2%	50.9%	30.0									
	FT	21		42.9%	81.0%	30.0									
	PT	32	9.4%	21.9%	31.3%	30.0									