SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

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

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.

Department: Civil Engineering

M.S. in Civil Engineering (ENGC)

Program Cohort Year	Time Status	Count	Year 2 Program Graduation Rate	Year 2 Program Retention Rate	Year 2 Program Success Rate	Year 2 Median Credit Hours to Degree	Year 4 Program Graduation Rate	Year 4 Program Retention Rate	Year 4 Program Success Rate	Year 4 Median Credit Hours to Degree	Year 6 Program Graduation Rate	Year 6 Program Retention Rate	Year 6 Program Success Rate	Year 6 Median Credit Hours to Degree	SIUE Graduation Rate
2012-13	Total	15	13.3%	80.0%	93.3%	36.0	53.3%	20.0%	73.3%	30.5	60.0%	0.0%	60.0%	31.0	60.0%
	FT	4	0.0%	100.0%	100.0%		50.0%	0.0%	50.0%	33.0	50.0%	0.0%	50.0%	33.0	50.0%
	PT	11	18.2%	72.7%	90.9%	36.0	54.5%	27.3%	81.8%	30.5	63.6%	0.0%	63.6%	31.0	63.6%
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					
	FT	3	33.3%	66.7%	100.0%	31.0	100.0%	0.0%	100.0%	31.0					
	PT	16	18.8%	56.3%	75.0%	31.0	56.3%	6.3%	62.5%	31.0					
2019-20	Total	26	30.8%	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	20.0%	55.0%	75.0%	31.0									
	FT	4	75.0%	25.0%	100.0%	31.0									
	PT	16	6.3%	62.5%	68.8%	31.0									
2021-22	Total	45	24.4%	53.3%	77.8%	31.0									
	FT	27	18.5%	63.0%	81.5%	31.0									
	PT	18	33.3%	38.9%	72.2%	30.5									

Credit hours required to graduate in program: 30 - 31

Department: Computer Science

M.S. in Computer Science (CPSI)

Cohort Year	Time Status	Count	Year 2				Year 4				Year 6				SIUE Graduation Rate
			Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	
2012-13	Total	18	16.7%	38.9%	55.6%	34.0	44.4%	11.1%	55.6%	35.5	50.0%	5.6%	55.6%	37.0	55.6%
	FT	5	20.0%	40.0%	60.0%	34.0	60.0%	0.0%	60.0%	37.0	60.0%	0.0%	60.0%	37.0	60.0%
	PT	13	15.4%	38.5%	53.8%	37.0	38.5%	15.4%	53.8%	34.0	46.2%	7.7%	53.8%	35.5	53.8%
2013-14	Total	19	26.3%	57.9%	84.2%	37.0	57.9%	5.3%	63.2%	37.0	57.9%	5.3%	63.2%	37.0	57.9%
	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					
	FT	3	0.0%	100.0%	100.0%		100.0%	0.0%	100.0%	34.0					
	PT	15	0.0%	73.3%	73.3%		53.3%	6.7%	60.0%	34.0					
2019-20	Total	37	13.5%	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	7.1%	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									
	FT	6	33.3%	66.7%	100.0%	35.5									
	PT	7	14.3%	71.4%	85.7%	34.0									
2021-22	Total	52	32.7%	53.8%	86.5%	34.0									
	FT	26	38.5%	46.2%	84.6%	34.0									
	PT	26	26.9%	61.5%	88.5%	34.0									

Credit hours required to graduate in program: **34**

Department: Electrical and Computer Engineering

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

Cohort Year	Time Status	Count	Year 2				Year 4				Year 6				SIUE Graduation Rate
			Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	
2012-13	Total	54	29.6%	64.8%	94.4%	33.0	83.3%	7.4%	90.7%	33.0	87.0%	0.0%	87.0%	33.0	87.0%
	FT	32	43.8%	56.3%	100.0%	33.0	96.9%	3.1%	100.0%	33.0	100.0%	0.0%	100.0%	33.0	100.0%
	PT	22	9.1%	77.3%	86.4%	33.0	63.6%	13.6%	77.3%	33.0	68.2%	0.0%	68.2%	33.0	68.2%
2013-14	Total	41	31.7%	58.5%	90.2%	33.0	87.8%	0.0%	87.8%	33.0	87.8%	0.0%	87.8%	33.0	90.2%
	FT	18	61.1%	33.3%	94.4%	33.0	94.4%	0.0%	94.4%	33.0	94.4%	0.0%	94.4%	33.0	94.4%
	PT	23	8.7%	78.3%	87.0%	33.0	82.6%	0.0%	82.6%	33.0	82.6%	0.0%	82.6%	33.0	87.0%
2014-15	Total	54	53.7%	29.6%	83.3%	33.0	77.8%	1.9%	79.6%	33.0	79.6%	0.0%	79.6%	33.0	79.6%
	FT	35	74.3%	25.7%	100.0%	33.0	97.1%	0.0%	97.1%	33.0	97.1%	0.0%	97.1%	33.0	97.1%
	PT	19	15.8%	36.8%	52.6%	33.0	42.1%	5.3%	47.4%	36.0	47.4%	0.0%	47.4%	36.0	47.4%
2015-16	Total	24	20.8%	62.5%	83.3%	36.0	75.0%	8.3%	83.3%	36.0	75.0%	4.2%	79.2%	36.0	75.0%
	FT	13	38.5%	61.5%	100.0%	36.0	100.0%	0.0%	100.0%	36.0	100.0%	0.0%	100.0%	36.0	100.0%
	PT	11	0.0%	63.6%	63.6%		45.5%	18.2%	63.6%	39.0	45.5%	9.1%	54.5%	39.0	45.5%
2016-17	Total	35	20.0%	71.4%	91.4%	36.0	77.1%	5.7%	82.9%	33.0	80.0%	2.9%	82.9%	33.0	82.9%
	FT	17	41.2%	58.8%	100.0%	36.0	88.2%	0.0%	88.2%	33.0	88.2%	0.0%	88.2%	33.0	94.1%
	PT	18	0.0%	83.3%	83.3%		66.7%	11.1%	77.8%	34.5	72.2%	5.6%	77.8%	33.0	72.2%
2017-18	Total	29	37.9%	44.8%	82.8%	33.0	65.5%	0.0%	65.5%	33.0	65.5%	0.0%	65.5%	33.0	75.9%
	FT	13	53.8%	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	25.0%	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	36.0%	44.0%	80.0%	33.0	68.0%	4.0%	72.0%	33.0					
	FT	10	50.0%	40.0%	90.0%	33.0	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					
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									
	FT	11	27.3%	63.6%	90.9%	33.0									
	PT	7	14.3%	14.3%	28.6%	36.0									
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									

Credit hours required to graduate in program: 33

Department: Mechanical and Industrial Engineering

M.S. in Industrial Engineering (ENGI)

Cohort Year	Time Status	Count	Year 2				Year 4				Year 6				SIUE Graduation Rate
			Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit hours to degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit hours to degree	
2012-13	Total	8	50.0%	50.0%	100.0%	34.5	75.0%	25.0%	100.0%	36.0	100.0%	0.0%	100.0%	36.0	100.0%
	FT	2	100.0%	0.0%	100.0%	36.0	100.0%	0.0%	100.0%	36.0	100.0%	0.0%	100.0%	36.0	100.0%
	PT	6	33.3%	66.7%	100.0%	33.0	66.7%	33.3%	100.0%	36.0	100.0%	0.0%	100.0%	36.0	100.0%
2013-14	Total	18	16.7%	77.8%	94.4%	33.0	72.2%	5.6%	77.8%	33.0	72.2%	0.0%	72.2%	33.0	77.8%
	FT	11	18.2%	72.7%	90.9%	31.5	63.6%	0.0%	63.6%	33.0	63.6%	0.0%	63.6%	33.0	72.7%
	PT	7	14.3%	85.7%	100.0%	33.0	85.7%	14.3%	100.0%	33.0	85.7%	0.0%	85.7%	33.0	85.7%
2014-15	Total	12	25.0%	58.3%	83.3%	33.0	58.3%	8.3%	66.7%	33.0	66.7%	0.0%	66.7%	33.0	66.7%
	FT	6	50.0%	33.3%	83.3%	33.0	83.3%	0.0%	83.3%	33.0	83.3%	0.0%	83.3%	33.0	83.3%
	PT	6	0.0%	83.3%	83.3%		33.3%	16.7%	50.0%	43.5	50.0%	0.0%	50.0%	33.0	50.0%
2015-16	Total	11	18.2%	54.5%	72.7%	31.5	63.6%	9.1%	72.7%	33.0	63.6%	0.0%	63.6%	33.0	63.6%
	FT	7	14.3%	85.7%	100.0%	33.0	85.7%	14.3%	100.0%	34.5	85.7%	0.0%	85.7%	34.5	85.7%
	PT	4	25.0%	0.0%	25.0%	30.0	25.0%	0.0%	25.0%	30.0	25.0%	0.0%	25.0%	30.0	25.0%
2016-17	Total	19	42.1%	47.4%	89.5%	31.5	68.4%	15.8%	84.2%	33.0	78.9%	0.0%	78.9%	33.0	84.2%
	FT	13	61.5%	38.5%	100.0%	31.5	92.3%	7.7%	100.0%	33.0	92.3%	0.0%	92.3%	33.0	100.0%
	PT	6	0.0%	66.7%	66.7%		16.7%	33.3%	50.0%	30.0	50.0%	0.0%	50.0%	33.0	50.0%
2017-18	Total	21	23.8%	76.2%	100.0%	30.0	95.2%	0.0%	95.2%	33.0	100.0%	0.0%	100.0%	33.0	100.0%
	FT	14	35.7%	64.3%	100.0%	30.0	92.9%	0.0%	92.9%	33.0	100.0%	0.0%	100.0%	33.0	100.0%
	PT	7	0.0%	100.0%	100.0%		100.0%	0.0%	100.0%	33.0	100.0%	0.0%	100.0%	33.0	100.0%
2018-19	Total	13	15.4%	84.6%	100.0%	31.5	84.6%	7.7%	92.3%	33.0					
	FT	10	20.0%	80.0%	100.0%	31.5	100.0%	0.0%	100.0%	34.5					
	PT	3	0.0%	100.0%	100.0%		33.3%	33.3%	66.7%	30.0					
2019-20	Total	14	35.7%	50.0%	85.7%	30.0	85.7%	0.0%	85.7%	33.0					
	FT	10	40.0%	50.0%	90.0%	30.0	90.0%	0.0%	90.0%	33.0					
	PT	4	25.0%	50.0%	75.0%	36.0	75.0%	0.0%	75.0%	33.0					
2020-21	Total	8	37.5%	62.5%	100.0%	33.0									
	FT	5	20.0%	80.0%	100.0%	36.0									
	PT	3	66.7%	33.3%	100.0%	31.5									
2021-22	Total	75	32.0%	44.0%	76.0%	33.0									
	FT	39	35.9%	56.4%	92.3%	33.0									
	PT	36	27.8%	30.6%	58.3%	33.0									

Credit hours required to graduate in program: 30 - 33

Department: Mechanical and Industrial Engineering
M.S. in Mechanical Engineering (ENGM)

Cohort Year	Time Status	Count	Year 2				Year 4				Year 6				SIUE Graduation Rate
			Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	Program Graduation Rate	Program Retention Rate	Program Success Rate	Median Credit Hours to Degree	
2012-13	Total	15	13.3%	73.3%	86.7%	31.5	60.0%	6.7%	66.7%	36.0	60.0%	6.7%	66.7%	36.0	73.3%
	FT	5	0.0%	100.0%	100.0%		80.0%	0.0%	80.0%	42.0	80.0%	0.0%	80.0%	42.0	100.0%
	PT	10	20.0%	60.0%	80.0%	31.5	50.0%	10.0%	60.0%	36.0	50.0%	10.0%	60.0%	36.0	60.0%
2013-14	Total	36	11.1%	75.0%	86.1%	30.0	58.3%	8.3%	66.7%	30.0	63.9%	2.8%	66.7%	30.0	69.4%
	FT	13	30.8%	61.5%	92.3%	30.0	69.2%	0.0%	69.2%	30.0	69.2%	0.0%	69.2%	30.0	84.6%
	PT	23	0.0%	82.6%	82.6%		52.2%	13.0%	65.2%	30.0	60.9%	4.3%	65.2%	30.0	60.9%
2014-15	Total	30	20.0%	73.3%	93.3%	30.0	63.3%	13.3%	76.7%	30.0	73.3%	0.0%	73.3%	30.0	76.7%
	FT	14	28.6%	71.4%	100.0%	30.0	85.7%	0.0%	85.7%	30.0	85.7%	0.0%	85.7%	30.0	85.7%
	PT	16	12.5%	75.0%	87.5%	30.0	43.8%	25.0%	68.8%	33.0	62.5%	0.0%	62.5%	34.5	68.8%
2015-16	Total	27	11.1%	77.8%	88.9%	30.0	63.0%	11.1%	74.1%	32.0	66.7%	3.7%	70.4%	31.5	74.1%
	FT	14	14.3%	71.4%	85.7%	30.5	57.1%	14.3%	71.4%	33.0	57.1%	7.1%	64.3%	33.0	71.4%
	PT	13	7.7%	84.6%	92.3%	30.0	69.2%	7.7%	76.9%	31.0	76.9%	0.0%	76.9%	31.0	76.9%
2016-17	Total	22	9.1%	72.7%	81.8%	30.0	59.1%	9.1%	68.2%	30.0	59.1%	4.5%	63.6%	30.0	68.2%
	FT	9	22.2%	55.6%	77.8%	30.0	66.7%	0.0%	66.7%	30.0	66.7%	0.0%	66.7%	30.0	88.9%
	PT	13	0.0%	84.6%	84.6%		53.8%	15.4%	69.2%	30.0	53.8%	7.7%	61.5%	30.0	53.8%
2017-18	Total	16	12.5%	75.0%	87.5%	30.0	25.0%	6.3%	31.3%	30.0	25.0%	0.0%	25.0%	30.0	43.8%
	FT	4	25.0%	75.0%	100.0%	30.0	50.0%	0.0%	50.0%	30.0	50.0%	0.0%	50.0%	30.0	75.0%
	PT	12	8.3%	75.0%	83.3%	30.0	16.7%	8.3%	25.0%	30.0	16.7%	0.0%	16.7%	30.0	33.3%
2018-19	Total	19	10.5%	63.2%	73.7%	33.0	47.4%	10.5%	57.9%	30.0					
	FT	9	22.2%	55.6%	77.8%	33.0	55.6%	0.0%	55.6%	33.0					
	PT	10	0.0%	70.0%	70.0%		40.0%	20.0%	60.0%	30.0					
2019-20	Total	13	15.4%	69.2%	84.6%	30.0	53.8%	15.4%	69.2%	30.0					
	FT	5	0.0%	80.0%	80.0%		40.0%	40.0%	80.0%	34.5					
	PT	8	25.0%	62.5%	87.5%	30.0	62.5%	0.0%	62.5%	30.0					
2020-21	Total	12	41.7%	25.0%	66.7%	30.0									
	FT	5	40.0%	20.0%	60.0%	30.0									
	PT	7	42.9%	28.6%	71.4%	30.0									
2021-22	Total	48	6.3%	60.4%	66.7%	30.0									
	FT	12	8.3%	75.0%	83.3%	30.0									
	PT	36	5.6%	55.6%	61.1%	30.0									

Credit hours required to graduate in program: 30