

# Student Achievement Metrics

May 2023

The University is accredited by the Southern Association of Colleges and Schools Commission on Colleges ([SACSCOC](#)) to award bachelor's and master's degrees. The Accreditation Board for Engineering and Technology ([ABET](#)) provides programmatic accreditation in applied and natural science, computing, engineering and engineering technology. Annually, the University publishes its Student Achievement Metrics as part of its membership as a SACSCOC institution and in association with ABET Accreditation.

Florida Polytechnic University identifies, evaluates, and publishes goals and outcomes for student achievement aligned with the University's [mission](#) and [strategic plan](#) to serve students within our Science, Technology, Engineering, and Mathematics (STEM) degree programs. As a 100% STEM university, the degree programs are rigorous and must attract and retain students that will graduate and be ready for the workforce. The metrics identified for student achievement are aligned with these goals in mind.

The University's core achievement metrics are as follows:

- FTIC Six-Year Graduation Rate (Full-time FTIC students)\*
- FTIC Four-Year Graduation Rate (Full-time FTIC students)
- Academic Progress Rate (Second Fall Retention Rate with at least a 2.0 GPA for full-time FTIC students)
- Percent of Bachelor's Graduates with 2+ Workforce Experiences
- Percent of Bachelor's Graduates Enrolled or Employed (Making \$30,000 +)
- Median Wages of Bachelor's Graduates Employed Full-time
- Percent of Baccalaureate-Seeking Resident Undergraduates Earning 15+ Credits (Fall Term)

\* First-time-in-college (FTIC)

The six-year graduation rate has been identified as the University's Key Student Completion Indicator for SACSCOC. This data is disaggregated to track two subpopulations of FTICs by cohort (Pell recipients and by gender as defined in [IPEDS](#)).

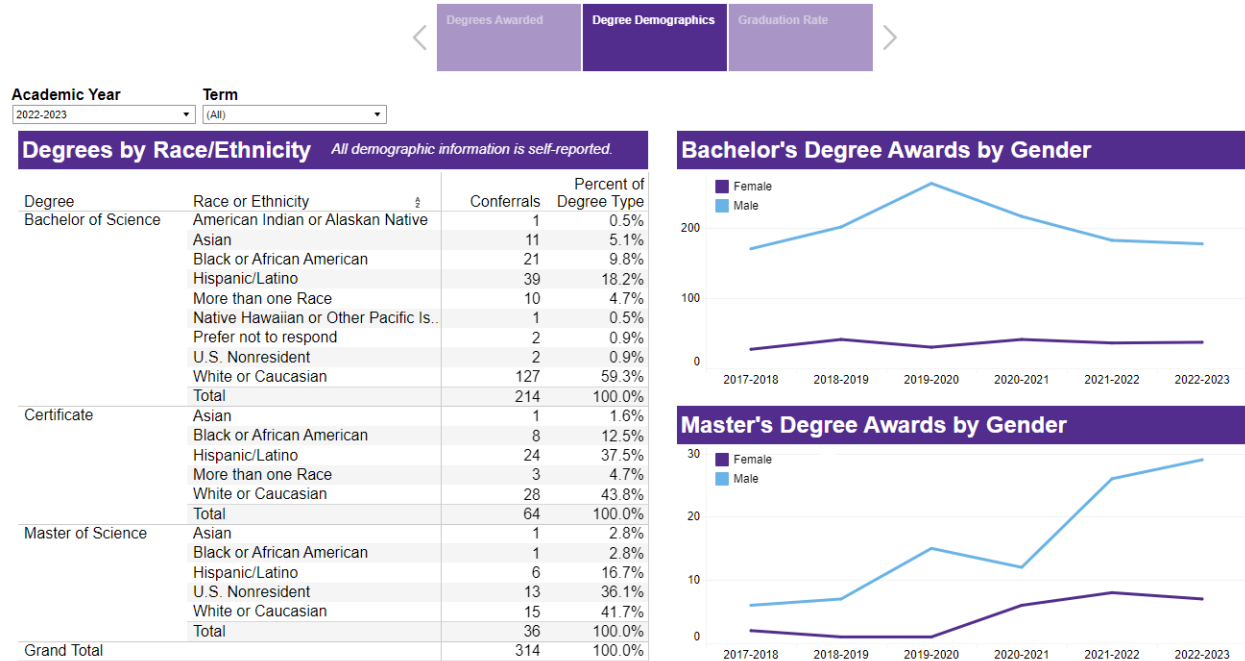
These results are published once per year, usually mid to late summer after approval of the University's [Accountability Plan](#).

## Six-Year Graduation Rate

|                     | 2014-2020 | 2015-2021    | 2016-2022    | 2017-2023      | 2018-2024      | 2019-2025      |
|---------------------|-----------|--------------|--------------|----------------|----------------|----------------|
| All FTICs-Actual    | 50        | 56           | 47           | 53             |                |                |
| Goal/Threshold      | 50        | 49           | 47           | 48             | 45             | 52             |
| Female FTICs-Actual | 50        | 58.5%        | 40           | 69             |                |                |
| Goal/Threshold      | Even      | >1% of Total | >1% of Total | >1% of Total   | >1% of Total   | >1% of Total   |
| Pell FTICs-Actual   | N/A       | N/A          | N/A          | 46             |                |                |
| Goal/Threshold      | N/A       | N/A          | N/A          | +/-3% of Total | +/-3% of Total | +/-3% of Total |

Degree demographics show the percentage of graduates in a given academic year along IPEDS-defined demographic categories.

## Degrees Report



## FTIC Four-Year Graduation Rate

This metric captures the number of students in the cohort as the denominator based on first-time-in-college (FTIC) beginning in the fall or summer-to-fall entrants, full-time only (12 hours in the first fall term). The number of students in the cohort who graduated within four years (by the fourth summer term after entry) from Florida Poly serves as the numerator for the graduation rate. The criterion was chosen as it matches that of the State University System of Florida Board of Governor's methodology.

|  | 2014-18 | 2015-19        | 2016-20        | 2017-21        | 2018-22 | 2019-23 |
|--|---------|----------------|----------------|----------------|---------|---------|
| Four-Year Graduation Rate              | 36.6%   | 39.5%          | 34.3%          | 38.2%          | 41.0%   | 41.0%   |
| Goal                                   | 37%     | 37%            | 38%            | 40%            | 40%     | 40%     |
| Threshold                              | 36%     | 36%            | 37%            | 37%            | 37%     | 37%     |
| <b>PELL (not available until 2017)</b> |         | <b>2017-21</b> | <b>2018-22</b> | <b>2019-23</b> |         |         |
| Four-Year Graduation Rate - Actual     |         | 31%            | 35%            | 48%            |         |         |
| Goal                                   |         | 35%            | 35%            | 35%            |         |         |
| Threshold                              |         | 31%            | 31%            | 31%            |         |         |

## Academic Progress Rate or APR (Second Fall Retention Rate with at least a 2.0 GPA for full-time FTIC students)

Retention is an important indicator of student success, progress to degree, and projected graduation. This measure is based on the percentage of FTIC students who started in the fall (or summer continuing to the fall) term and were enrolled full-time in their first fall semester and were still enrolled at Florida Poly during the next fall term with a grade point average (GPA) of at least 2.0 at the end of their first year (Fall, Spring, Summer). This cumulative institutional GPA aligns with a criterion for satisfactory academic progress that is a standard eligibility threshold for financial aid eligibility. The addition of this GPA criterion tied to second year retention makes this metric a more powerful leading indicator for a timely graduation.

The number of students in this cohort serves as the denominator for the retention rate and is based on the same cohort as mentioned in the four-year graduation rate. The numerator includes the two components: (1) the number of students in the cohort who are still enrolled during the second fall term, and (2) those students with a GPA of 2.0 or above. Since this measure only takes two years to capture the data, Florida Poly has a historical six-year trend to support the chosen goals and thresholds.

|           | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| APR       | 73.0%   | 76.8%   | 65.1%   | 71.7%   | 65.4%   | 76.6%   | 64.2%   | 75.3%   | 73.6%   |
| Goal      |         | 74%     | 75%     | 75%     | 76%     | 77%     | 80%     | 80%     | 80%     |
| Threshold |         | 70%     | 70%     | 70%     | 70%     | 70%     | 70%     | 71%     | 72%     |

| PELL (Not Available until 2017) | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 |
|---------------------------------|---------|---------|---------|---------|---------|---------|
| 2nd Year Retention - Actual     | 78.1%   | 67.7%   | 87.8%   | 66.0%   | 74.5%   | 79.4%   |
| Goal                            | 78%     | 78%     | 78%     | 78%     | 78%     | 78%     |
| Threshold                       | 67%     | 67%     | 67%     | 67%     | 67%     | 67%     |

## Percent of Bachelor's Graduates with 2+ Workforce Experiences

This metric is important to Florida Poly because our STEM undergraduates are more prepared for the workforce when they are engaged in workforce opportunities prior to graduation. These workforce experiences are a combination of internships, capstone projects, research experiences and certifications. A full listing of acceptable criteria for each of these categories is outlined in a methodology/procedural document to ensure evidence for audit purposes. Each student in a cohort must accumulate at least two experiences throughout their matriculation and serves as the numerator. The cohort for the calculation consists of all graduates within an academic year (Dec – Aug), which serves as the denominator.

This metric was chosen by the University’s Board of Trustees and is one of several metrics reported to the Board of Governor’s for Performance Based Funding. The percent of bachelor’s graduates with 2+ Workforce Experiences has been captured for two reporting periods.

|                          | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 |
|--------------------------|---------|---------|---------|---------|---------|
| % UG with 2+ Experiences | 73.2    | 84.6    | 78.1    | 98.6    | 99.5%   |
| Goal                     | 75%     | 75%     | 84%     | 92%     | 95%     |
| Threshold                | 73      | 80      | 80      | 88%     | 90%     |

## Percent of Bachelor’s Graduates Enrolled or Employed (Making \$40,000 +)

Post-graduation information regarding Florida Poly’s graduates getting employment and/or continuing to post-baccalaureate education is the ultimate success of student achievement. To ensure consistency of data capture and reporting of this information, the Florida State University System Board of Governors collect enrollment and employment about FL Poly Graduates. The graduates reported by the university for each academic year is matched to data from the National Student Clearinghouse (NSC), Florida’s participation in the State Wage Interchange System (SWIS), and the Florida Department of Economic Opportunity (DEO) using Social Security numbers and post-grad cohort continuing education enrollment throughout the United States. This matching takes from 12 to 18 months post-graduation and the data received back from the Board of Governor’s only provides aggregate level data.

It is helpful to note that because the data excludes self-employed, government workers, employment overseas, and active military personnel, the percentage will never be 100%.

|                        | 2019-20 | 2020-21 | 2021-22 |
|------------------------|---------|---------|---------|
| % UG Enrolled/Employed | 75.0%   | 75.6%   | 85.3%   |
| Goal                   | 80%     | 82%     | 83%     |
| Threshold              | 75.0%   | 75.0%   | 75.0%   |

## Median Wages of Bachelor’s Graduates Employed Full-time

Like the enrolled or employed metric above, the median wage of bachelor’s graduates is an important measure of our students being employed full-time and receiving a competitive wage from their STEM degree following graduation. This metric is reported by the Florida State University System Board of Governors following the information supplied by the University on our undergraduates completing their degree within each academic year. The student’s Social Security Number is matched to the State Wage Interchange System (SWIS) data and Economic Opportunity (DEO) data to calculate the median wage in aggregate for that graduating cohort. This process typically takes 14 to 18 months post-graduation to analyze.

The goals and thresholds were established based on initial wage data.

|                          | 2017-18  | 2018-19  | 2019-20  | 2020-2021 | 2021-2022 |
|--------------------------|----------|----------|----------|-----------|-----------|
| Median Wage of Graduates | \$54,800 | \$56,300 | \$54,400 | \$54,800  | \$68,000  |
| Goal                     |          |          | \$57,000 | \$60,000  | \$65,000  |
| Threshold                |          |          | \$54,000 | \$56,000  | \$57,000  |

It should be noted that the same exemptions mentioned with the percent of bachelor's graduates enrolled or employed applies to this metric as well.

## Percent of Baccalaureate-Seeking Resident Undergraduates Earning 15+ Credits in the Fall Term

This measure is important for student success as it provides a good indication of the student's ability to be able to graduate on-time with a strong academic progression. As a part of this measure, students are provided with a term-by-term road map or flowchart toward graduation. The critical path includes courses that function as pre-requisites for other courses, as well as courses that are primarily offered as a spring or fall term. The academic progress rate measure stated earlier in this narrative ties closely with this metric.

The goal and threshold were established following a historical trend.

|                            | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|----------------------------|------|------|------|------|------|------|------|------|
| UG 15+ Credits (fall term) | 33%  | 35%  | 27%  | 32%  | 27%  | 30%  | 28%  | 37%  |
| Goal                       |      |      |      | 34%  | 32%  | 32%  | 33%  | 35%  |
| Threshold                  |      |      |      | 27%  | 27%  | 27%  | 29%  | 30%  |