



## UAA ANNUAL REPORT ON LEADING INDICATORS AS OF FALL 2022

**Purpose and use:** Annual reports on the student achievement metrics serve as status reports for performance on each measure. Sharing these reports keeps the institution focused on and accountable for the measures. They show progress toward goals and help identify areas that may need additional work or investment. Disaggregating data allows the institution to track efforts to close equity and performance gaps. These reports are posted on the website for dissemination to governance and leadership groups to be used for continuous improvement to inform planning, decision making, and allocation of resources.

This report includes information on two measures identified as leading indicators for the student achievement metrics: (1) completion of Tier 1 General Education Requirement courses (GERs) within the student's first 30 credits; and (2) course pass rates by course level. Each of these signals a level of progress toward completion.

### LEADING INDICATORS: THE BIG PICTURE

#### Long-Term Trend

- (1) Overall, the percentages of first-time baccalaureate freshmen who completed Tier 1 GERs within their first 30 credits, or Tier 1 GER completion rates, have fluctuated around 40% and 30% for full-time and part-time students respectively and have been improving over the years (Figure 5.1).
- (2) Overall, lower-division, upper-division, and graduate-level course pass rates have been stable around 75%, 88%, and 93% respectively (Figure 5.2).

#### Trend in Most Recent Cohort

- (1) The Fall 2020 and Fall 2019 cohorts had similar Tier 1 GER completion rates (Figure 5.1). Full-time students, students who identified as female, and students of age 18-24 tended to have higher Tier 1 GER completion rates than others (Table 5.1).
- (2) Fall 2021 and Fall 2020 had similar course pass rates at lower and upper divisions, but they declined by 3.7% at graduate level (Figure 5.2). Full-time students had higher pass rates than part-time students at all course levels (Figure 5.3). Students who identified as White passed courses at higher rates than others at lower division, but there were few, small racial/ethnic equity gaps at upper division and graduate level. Students who identified as female tended to have higher course pass rates (Tables 5.2, 5.3, and 5.4).

### COMPLETE TIER 1 GENERAL EDUCATION REQUIREMENT COURSES (GERs) WITHIN THE 1<sup>ST</sup> 30 CREDITS

**DEFINITION:** The percentage of baccalaureate degree-seeking undergraduate students who complete their Tier 1 GERs within their first 30 credits in two years from when they entered as first-time freshmen. Includes only first-time to college UAA students who reach sophomore class (30 credits) and excludes transfer-in or returning students. Tier 1 GERs include foundational oral and written communication and quantitative skills courses.

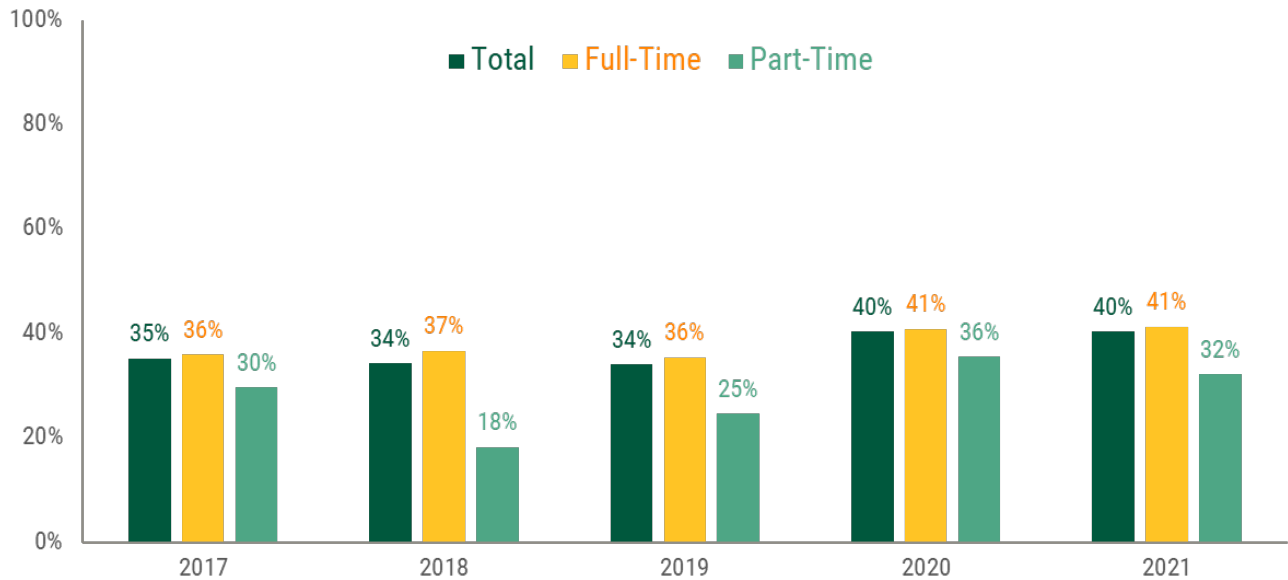
**RATIONALE:** Students who complete key general education courses early in their academic careers are retained and graduate at higher rates. Measuring the early completion of these requirements and disaggregating those data can inform planning, decision making, and allocating resources to programs and services designed to mitigate gaps in achievement and equity.

**PEER COMPARISON:** There are no data sources for peer comparisons on this measure.



**Figure 5.1**

UAA PERCENTAGE OF FIRST-TIME BACCALAUREATE-SEEKING FRESHMEN WHO COMPLETED TIER 1 GERs WITHIN THE FIRST 30 CREDITS



**Table 5.1**

UAA TIER 1 GER COMPLETION RATES – DISAGGREGATED

	AY2017 Completion Rate	AY2021 Completion Rate	RATE CHANGE
<b>OVERALL</b>	<b>35.3%</b>	<b>40.4%</b>	<b>5.1 pts</b>
Full-time	36.0%	41.4%	5.4 pts
Part-time	29.7%	32.3%	2.6 pts
<b>Race/Ethnicity</b>			
African American	33.3%	32.0%	-1.3 pts
Alaska Native/American Indian	32.1%	38.6%	6.5 pts
Asian	36.6%	42.1%	5.5 pts
Hispanic	27.9%	46.9%	19 pts
Native Hawaiian/Pacific Islander	50.0%	50.0%	0 pts
Two or More Races (Non-Hispanic)	40.8%	44.6%	3.8 pts
White	34.6%	35.2%	0.6 pts
<b>Other Characteristics</b>			
Age 18-24	35.6%	41.0%	5.4 pts
Age 25+	27.3%	22.2%	-5.1 pts
Female	35.1%	41.1%	6.0 pts
Male	35.6%	39.3%	3.7 pts
Pell Grant Recipient	30.2%	39.7%	9.5 pts
First Generation	33.0%	43.5%	10.5 pts

Note: Disaggregated data rates reflect full-time enrollment only. Although Native Hawaiian/Pacific Islander had a higher completion rate than any other racial/ethnic group in AY2017 and AY2021, the sample size for this group was too small (less than 10) for a meaningful interpretation in both years.

**COURSE PASS RATES BY COURSE LEVEL (UNDERGRADUATE LOWER-DIVISION, UNDERGRADUATE UPPER-DIVISION, AND GRADUATE LEVELS)**

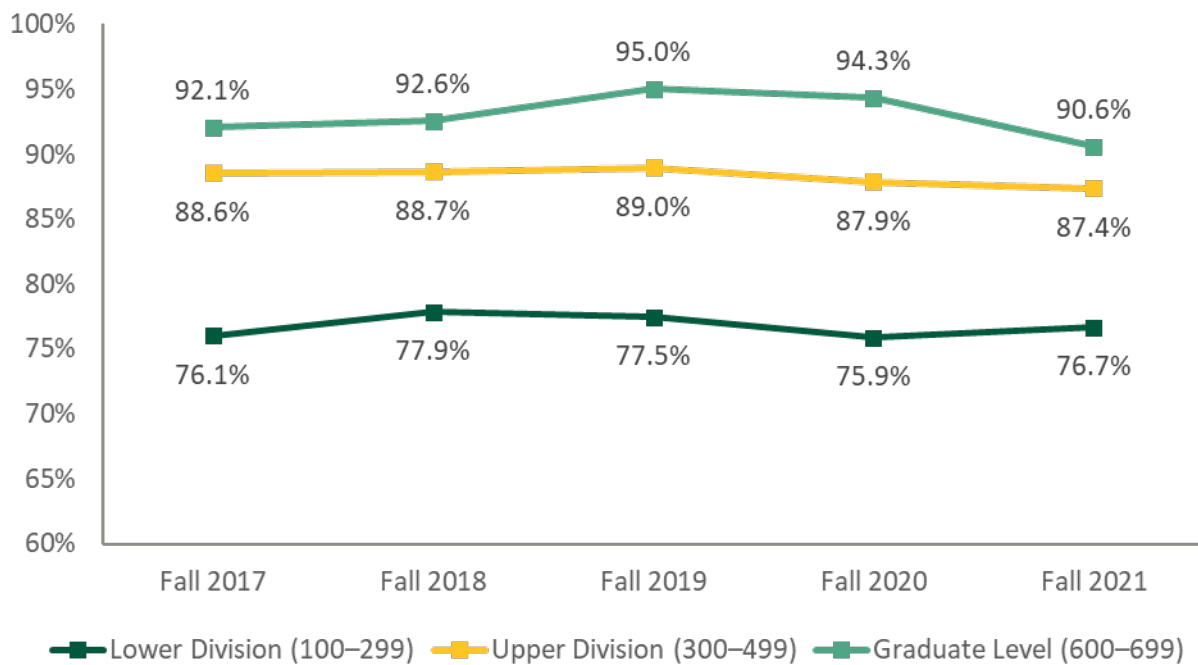
DEFINITION: The percentage of students who receive a passing grade (A, B, C, P) for all undergraduate students and (A, B, P) for graduate students in a course offered by a program compared to the same rate calculated for all courses at that level. Based on a 5-year trend. Included in the denominator for undergraduate courses are the grades D, F, W, I, NP, NB. Included in the denominator for graduate level are the grades C, D, F, W, I, NP, NB.

RATIONALE: Low pass rates are one critical way to identify courses that are barriers to student success and degree completion. Failing key courses correlates with low retention and more major switching. Mitigation strategies can be internal or external to the course itself, including, among other things, the use of high-impact pedagogical practices, appropriate placement, course sequencing, tutoring, and other means to ensure student success within a particular course. This metric and the disaggregation of the data can inform planning, decision making, and allocating resources to programs and services designed to mitigate gaps in achievement and equity.

PEER COMPARISON: There are no data available for comparisons with UAA peers at this time.

**Figure 5.2**

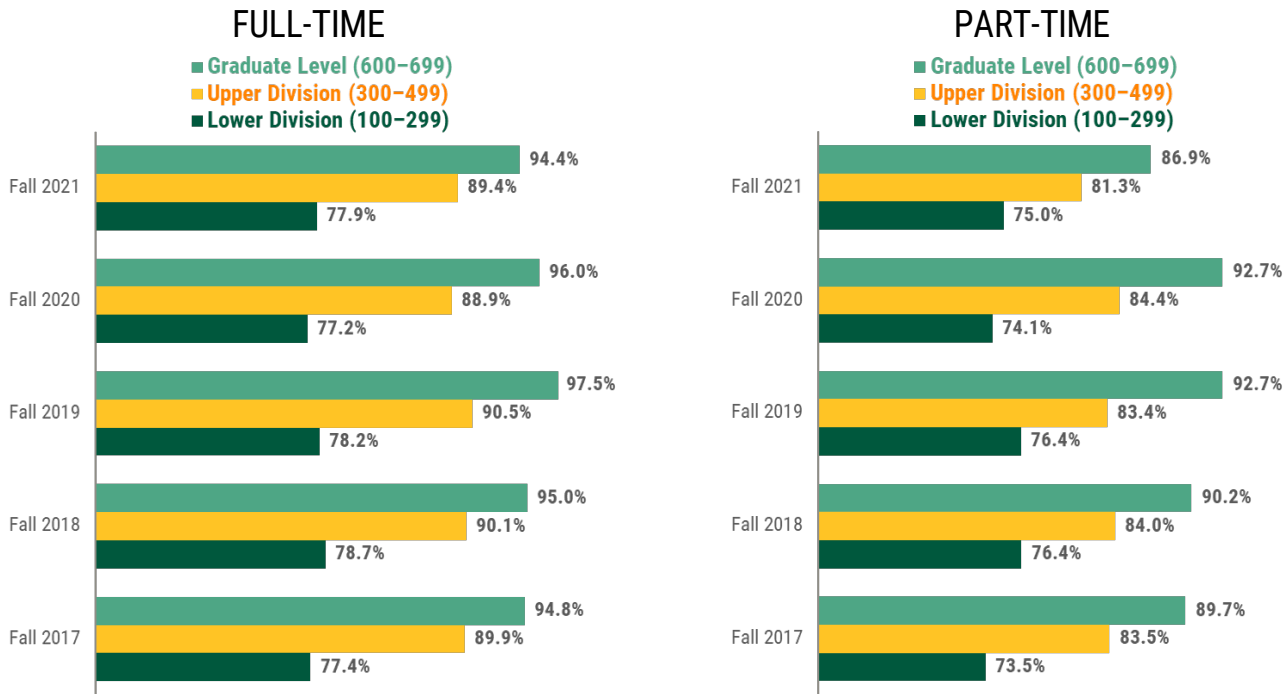
*UAA COURSE PASS RATE TRENDS BY COURSE LEVEL: ALL STUDENTS*





**Figure 5.3**

UAA COURSE PASS RATE COMPARISONS BY COURSE LEVEL FALL 2017 – FALL 2021



**Table 5.2**

UAA COURSE PASS RATES FOR LOWER DIVISION COURSES (100-299 LEVEL) – DISAGGREGATED

	FULL-TIME			PART-TIME		
	Fall 2017	Fall 2021	RATE CHANGE	Fall 2017	Fall 2021	RATE CHANGE
<b>ALL</b>	<b>77.4%</b>	<b>77.9%</b>	<b>0.5 pts</b>	<b>73.5%</b>	<b>75.0%</b>	<b>1.5 pts</b>
<b>Race/Ethnicity</b>						
African American	66.9%	70.9%	4.0 pts	68.0%	60.1%	-7.9 pts
Alaska Native/American Indian	69.0%	66.1%	-2.9 pts	62.8%	63.3%	0.5 pts
Asian	78.4%	75.0%	-3.4 pts	70.8%	72.6%	1.8 pts
Hispanic	75.4%	76.6%	1.2 pts	70.0%	74.1%	4.1 pts
Native Hawaiian/Pacific Islander	71.2%	76.0%	4.8 pts	73.2%	66.3%	-6.9 pts
Two or More Races (Non-Hispanic)	76.7%	75.7%	-1.0 pts	67.7%	74.1%	6.4 pts
White	79.3%	81.3%	2.0 pts	76.8%	77.3%	0.5 pts
<b>Other Characteristics</b>						
Age 18-24	76.6%	76.2%	-0.4 pts	65.0%	66.9%	1.9 pts
Age 25+	78.2%	79.4%	1.2 pts	78.0%	79.5%	1.5 pts
Female	79.0%	79.7%	0.7 pts	75.4%	74.8%	-0.6 pts
Male	75.7%	75.8%	0.1 pts	70.9%	75.0%	4.1 pts
Pell Grant Recipient	76.4%	74.8%	-1.6 pts	71.4%	72.0%	0.6 pts
First Generation	77.6%	74.6%	-3.0 pts	73.1%	70.3%	-2.8 pts



**Table 5.3**

UAA COURSE PASS RATES FOR **UPPER-DIVISION COURSES (300-499 LEVEL)** – DISAGGREGATED

	FULL-TIME			PART-TIME		
	Fall 2017	Fall 2021	RATE CHANGE	Fall 2017	Fall 2021	RATE CHANGE
<b>ALL</b>	<b>89.9%</b>	<b>89.4%</b>	<b>-0.5 pts</b>	<b>83.5%</b>	<b>81.3%</b>	<b>-2.2 pts</b>
<b>Race/Ethnicity</b>						
African American	88.2%	84.8%	-3.4 pts	78.3%	65.0%	-13.3 pts
Alaska Native/American Indian	88.1%	81.6%	-6.5 pts	83.6%	74.0%	-9.6 pts
Asian	89.2%	90.6%	1.4 pts	86.0%	70.2%	-15.8 pts
Hispanic	87.0%	86.9%	-0.1 pts	79.3%	82.1%	2.8 pts
Native Hawaiian/Pacific Islander	82.6%	84.9%	2.3 pts	85.7%	84.8%	-0.9 pts
Two or More Races (Non-Hispanic)	90.3%	92.2%	1.8 pts	79.2%	79.5%	0.3 pts
White	90.5%	90.4%	-0.1 pts	84.8%	84.2%	-0.6 pts
<b>Other Characteristics</b>						
Age 18-24	90.4%	90.1%	-0.3 pts	83.5%	80.3%	-3.2 pts
Age 25+	89.0%	88.3%	-0.7 pts	83.5%	81.8%	-1.7 pts
Female	90.8%	91.3%	0.5 pts	85.6%	80.7%	-4.9 pts
Male	88.9%	87.1%	-1.8 pts	80.3%	81.9%	1.6 pts
Pell Grant Recipient	89.4%	88.3%	-1.1 pts	84.8%	80.9%	-3.9 pts
First Generation	91.6%	89.5%	-2.1 pts	89.7%	80.6%	-9.1 pts

**Table 5.4**

UAA COURSE PASS RATES FOR **GRADUATE LEVEL COURSES (600-699 LEVEL)** – DISAGGREGATED

	FULL-TIME			PART-TIME		
	Fall 2017	Fall 2021	RATE CHANGE	Fall 2017	Fall 2021	RATE CHANGE
<b>ALL</b>	<b>94.8%</b>	<b>94.4%</b>	<b>-0.4 pts</b>	<b>89.7%</b>	<b>86.9%</b>	<b>-2.8 pts</b>
<b>Race/Ethnicity</b>						
African American	70.0%	92.3%	22.3 pts	88.9%	82.4%	-6.5 pts
Alaska Native/American Indian	91.4%	85.4%	-6.0 pts	84.3%	81.5%	-2.8 pts
Asian	90.5%	100.0%	9.5 pts	90.9%	73.7%	-17.2 pts
Hispanic	91.1%	84.0%	-7.1 pts	87.1%	93.9%	6.8 pts
Native Hawaiian/Pacific Islander	100.0%	94.1%	-5.9 pts	50.0%	100.0%	50.0 pts
Two or More Races (Non-Hispanic)	87.5%	90.2%	2.7 pts	85.3%	81.6%	-3.7 pts
White	96.4%	94.5%	-1.9 pts	91.3%	88.0%	-3.3 pts
<b>Other Characteristics</b>						
Age 18-24	96.7%	95.0%	-1.7 pts	86.0%	80.8%	-5.2 pts
Age 25+	94.3%	94.2%	-0.1 pts	89.9%	87.5%	-2.4 pts
Female	93.9%	95.6%	1.7 pts	90.1%	86.6%	-3.5 pts
Male	96.2%	92.0%	-4.2 pts	88.7%	87.6%	-1.1 pts
Pell Grant Recipient	50.0%	100.0%	50.0 pts	No Cohort	100.0%	NA
First Generation	91.0%	94.2%	3.2 pts	91.4%	90.1%	-1.3 pts