

Licensure Pass Rate Improvement Plan Updates

Bachelor of Nursing (BSN) Program

Doctor of Pharmacy (PharmD) Program

Doctor of Physical Therapy (DPT) Program

FAMU Board of Trustees
Academic and Student Affairs Committee Meeting
June 23, 2022



Focus

- Updates on Progress to Achieve and Sustain Academic Excellence in FAMU's Health Professions Programs
- Timely Updates

Today's Meeting

- Update on Key Performance Indicators (KPI)
- Key Updates

Metric	Rationale for Use	Current Data		Goal	
Admissions					
Admissions Exam	The ATI Test of Essential Academic Skills (TEAS) is a diagnostic test for nursing applicants. It provides an assessment of student readiness for the rigors of the nursing program.	Spring 2022: 100% Minimum proficiency in all sections Fall 2021: 100% Minimum proficiency in all sections Spring 2021: 100% Composite score minimum		Current Benchmark: 100% of Students at <u>Minimum Proficiency</u> or Higher Fall 2022 Benchmark: 75% <u>Proficiency</u> in all sections	
UG GPA (Science and Math)	The cohort science and mathematics average GPA provides an assessment of the overall quality and level of preparedness of the entering cohort.	Spring 2022: 3.58 Fall 2021: 3.55 Spring 2021: 3.45		Working to refine predictiveness; continue to monitor	
Retention					
GPA of First-Year Cohort	First semester and first-year GPA provide an assessment of student mastery of content.	First-Semester Fall 2021 Cohort: 2.80 Fall 2020 Cohort: 3.00		>3.30	
		End of First Year Fall 2021 Cohort: 2.76 Fall 2020 Cohort: 3.20		>3.50	
Program Completion Rates	Program completion is measured from the time students enter the program until they graduate upon completing the remaining 60 credits of professional level nursing courses in five semesters.	Graduating Cohort Spring 2022: 34% Spring 2021: 86%	Graduating Cohort Fall 2021: 79% Fall 2020: 94%	Graduating Cohort 2021: 80% 2022: 70%	
NCLEX Readiness and Outcomes					
Diagnostic Exams	Content mastery exams are administered to students in several courses to assess mastery of specific content related to the NCLEX.	Spring 2021 L2: 15.6% (5) L1: 59.4% (19) BL: 25% (8)	Fall 2021 L3: 15.4% (5) L2: 26.9% (7) L1: 42.3% (11) BL: 15.4% (4)	Spring 2022 L3: 9.1% (2) L2: 31.8% (7) L1: 36.4% (8) BL: 22.7% (5)	Level 2 (L2) Proficiency
NCLEX Predictor Exam	The program administers the ATI Comprehensive Predictor Exam to students during their final semester. This exam is an accurate predictor of success on the NCLEX exam.	Graduating Cohort Spring 2022: 78.7% (1st time above national average) Fall 2021: 75.2% Spring 2021: 77.7% (results were compromised)		Graduating Cohort >77%	
NCLEX Scores	The National Council Licensure Examination (NCLEX) Exam is administered four times per year.	Current Year by Quarter 1st: 64.71 (Total)% 73.33% (Dec 2021 Grads)	FAMU (National) 2021: 62.30% (84%) 2020: 66.67% (88%) 2019: 63.44% (91%)	85%	
Accreditation Status					
ACEN	The BSN program is accredited by the Accreditation Commission for Education in Nursing (ACEN)	The program is on continuing accreditation status due to non-compliance with Criteria 6.2 (licensure exam outcomes). Site Visit conducted in April (decision expected Sept. 2022).			

Nursing KPI Snapshot

Notes

Admissions:

- TEAS full integration began in Spring 2021. Data has been collected to determine the necessary benchmark needed for admission/student success. To be in alignment with other schools of nursing the **benchmark will be raised to 75% proficiency in all sections beginning Fall 2022.**

Retention:

- GPA:** The slight drop in 2021 may be due to the new, more rigor curriculum revision.
 - We need to reevaluate the benchmark. A 2.80 GPA (B-/80 - 82) may be a better goal, as it aligns with the next level progression goals.
- Program Completion Rates:** Having a high retention and completion rate, and low pass rates signify programmatic issues.
 - Higher attrition occurs with increased rigor.

NCLEX Readiness and Outcomes:

- Predictor Exam:** First time the graduating class scored above the national average (77%).
 - Exams were reviewed for evidence of a breach in test security. Exam security was confirmed by the ATI security team.
- NCLEX Exam:** Due to COVID, only one cohort tested in 2021.

Pharmacy KPI Snapshot

Notes

Admissions:

- **GPA:** Goals were exceeded.

Retention:

- Failure rates in the predictive courses, Drug Metabolism I and II were below the established goal.
- Academic dismissals are below the established goal.

NAPLEX Readiness and Outcomes:

- Ninety-five percent of learners passed the comprehensive examination by the third attempt.
- Overall, 2021 NAPLEX results exceed state of Florida and national averages.

Accreditation:

- Supplemental information requested after the November onsite evaluation has been submitted. The response will be known after the late June meeting of the Board.

Metric	Rationale for Use	Current Data	Goal
Admissions			
Admissions Exam	The Pharmacy College Admission Test (PCAT) is a standardized test that helps identify qualified applicants.	The FAMU PharmD program will begin requiring the PCAT for the Fall 2023 entering cohort as part of the admissions process.	TBD (Goals will be established based on analysis of trend data)
UG GPA (Science and Math)	The cohort science and mathematics average GPA provides an assessment of the overall quality and level of preparedness of the entering cohort.	Fall 2022: TBD Fall 2021: 3.34 Fall 2020: 3.16 Fall 2019: 3.17	Fall 2021: >3.25 Fall 2022: >3.30 Fall 2023: >3.30
Retention			
Failure Rates in Critical Courses	Monitoring failure rates in critical courses helps to assess student mastery of foundational knowledge and readiness for the NAPLEX.	PHA 3102 2021: 5.1% 2020: 2.3% 2019: 2.3%	53% of failures in this course do not graduate. Fall 2022: <6%
		PHA 3106 2021: 0% 2020: 1.2% 2019: 0%	32% of failures in this course do not reach the third year of the program. Spring 2023: <6%
Program Completion Rates	ACPE annually monitors progression trends of the graduating class for accredited programs. Programs must remain below established thresholds. *Overall attrition includes delayed graduation, withdrawals, and dismissals for each graduating class.	Academic Dismissals 2022 Graduates: 1% 2021 Graduates: 5% 2020 Graduates: 8%	Overall Attrition* 2022 Graduates: 43% 2021 Graduates: 49% 2020 Graduates: 25%
NAPLEX Readiness and Outcomes			
Diagnostics	The program administers the Pharmacy Curriculum Outcomes Assessment (PCOA) in the P3 year to assess the effectiveness of the didactic curriculum with respect to preparing learners for the NAPLEX.	FAMU (National) 2022: 295 (345) 2021: 306 (343) 2020: 321 (344)	Achieve the national average.
Comprehensive Exam	The program administers the Comprehensive Exam to learners during their final semester (P4). A minimum score of 75% is required to pass; they are given five opportunities.	Percent of Cohort Passing by the Third Attempt Spring 2022: 95% Spring 2021: 91% Spring 2020: 43%	Spring 2023: >90% Spring 2024: >90%
NAPLEX Scores	Candidates are allowed a maximum of five attempts on the North American Pharmacist Licensure Examination (NAPLEX).	FAMU (National) 2021: 90% (84%) 2020: 80% (87%) 2019: 79% (87%)	2021: 85% 2022: 85% 2023: 90%
Accreditation Status			
ACPE	The PharmD program is accredited by the Accreditation Council for Pharmacy Education (ACPE)	The program is fully accredited through June 2022. The next onsite evaluation is scheduled for Spring 2024.	

Physical Therapy

KPI Snapshot

Notes

NPTE Readiness and Outcomes:

To assist in determining clinical readiness and progression, the first **Comprehensive Skills Check-Off** was administered to PY-2 DPT students at the conclusion of the spring semester. The examination was designed to align with the expectations of the first clinical experience as determined by the Clinical Performance Instrument (CPI). Unexpectedly, the cohort as a whole was NOT successful with their first attempt, but improved to 68% on the second, and **100%** on the third. This outcome will be assessed at the conclusion of summer semester, against CPI, where the expectation is the performance of patient skills with less than 50% assistance.

The **Comprehensive Exit Examination** is given to PY-3 students at the conclusion of spring semester. Students are given 2 attempts during this time, with 5 days between attempts. (Additional attempts are withheld 6-8 weeks post spring graduation). As of June 8th, acceptable passing scores have been achieved by all 24 students. In continued preparation for upcoming NPTE attempts, students have ongoing access (1 year) to Final Frontier Preparatory Course.

Metric	Rationale for Use	Current Data		Goal
Admissions				
Admissions Exam (GRE)	The Graduate Record Exam (GRE) is a standardized exam that assesses analytical writing, verbal reasoning and quantitative reasoning skills. Applicant GRE scores are correlated with NPTE first-time pass rates (Cumulative score greater than 300 and quantitative score greater than 147 are positive predictors).	<u>GRE-Total</u> Fall 2021: 302 Fall 2020: 302.32 Fall 2019: 303.80 Fall 2018: 302.18	<u>GRE-Quantitative</u> Fall 2021: 151 Fall 2020: 151.12 Fall 2019: 150.76 Fall 2018: 151.45	<u>GRE-Total</u> ≥300 <u>GRE-Quantitative</u> ≥150
UG GPA	Analysis of historical cohort data indicates a positive correlation of licensure pass rates with cumulative GPA and GPA earned over the last 60 hours of the undergraduate record.	<u>Cumulative</u> Fall 2021: 3.29 Fall 2020: 3.49 Fall 2019: 3.43 Fall 2018: 3.44	<u>Last 60 Hours</u> Fall 2021: 3.52 Fall 2020: 3.51 Fall 2019: 3.49 Fall 2018: 3.41	<u>Cumulative</u> ≥3.5 <u>Last 60 Hours</u> ≥3.5
Retention				
GPA of First-Year Cohort	Analysis of historical cohort data indicates a positive correlation of licensure pass rates with first-semester (fall) GPA.	<u>First-Semester</u> Fall 2021: 3.59 Fall 2020: 3.52 Fall 2019: 3.32 Fall 2018: 3.69		<u>First-Semester</u> ≥3.3
Cohort Progression Rates	Monitors percentage of students in each entering cohort who remain on track with the program curriculum and graduate on time (program takes three years to complete).	<u>Cohort</u> Fall 2021: 100% Fall 2020: 92% Fall 2019: 92% Fall 2018: 95.8%		<u>Progression Rate</u> >95%
NPTE Readiness and Outcomes				
Diagnostic Exams	Beginning with the 2021-22 academic year, the program will administer comprehensive exams to each cohort during the spring semester to assess student mastery of content and readiness to progress.	<u>Spring 2022: 2nd Yr Cohort Comprehensive Skills Check Off</u> 1st attempt: 0% (0/22) 2nd attempt: 68% (15/22) 3rd attempt: 100% (22/22)	<u>Spring 2022: 3rd Yr Cohort Comprehensive Exit Exam</u> 1st attempt: 42% (10/24) 2nd attempt: 83% (20/24) 3rd attempt: 100% (24/24)	<u>Cohort Average</u> 2nd yr. Cohort: perform patient care with less than 50% assist (CPI) 3rd yr. Cohort: 90%+ first time pass rate
NPTE Scores	The National Physical Therapy Exam (NPTE) Exam is administered four times per year (January, April, July and October). The FL BOG tracks the three-year average in the annual Accountability Plan.	<u>Annual First-Time Pass Rate (National)</u> 2021: 82% (88%) 2020: 88% (91%) 2019: 86.4% (91%) 2018: 73.9% (91%)	<u>3-Year Average (National)</u> 2021: 85.5% (90%) 2020: 83% (91%) 2019: 69% (91%) 2018: 69% (92%)	<u>Annual First-Time Pass Rate</u> 90%
Accreditation Status				
CAPTE	The DPT program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE)	The program is fully accredited through 2024.		

Nursing

- Legislative Allocation (\$1.08M)

Strategic Recruitment Initiative

Questions?



FLORIDA A&M UNIVERSITY

Founded in 1887 as the State Normal College for Colored Students, Florida Agricultural and Mechanical University (FAMU) is the only historically state supported educational facility for African Americans in Florida. It has always been co-educational. In 1890, the second Morrill Act was passed. This enabled the school to become the Black Land Grant College for the State of Florida. west of its original location