

Easy Analytics to Impact Student Success on Your Campus



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Why did we go this route

- Retention rate drop 2017
- Gaining advisors trust
- Easy to implement potential interventions

UNLV

- University of Nevada, Las Vegas
- 30,000+ students, 25,000+ Undergrad
- R1 as of this year
- 82% selectivity
- ACT 22
- SAT 1139
- Majority Minority Minorities 72.2%
 - Hispanic 33.9%
- Pell recipient 41% FTFT
- Neither parent attended college 30%
- First-year retention 75.9%
- Six-year graduation rate 42.9%
- Four-year graduation rate 17.2%



UNLV

Streamlined Approach

- Focus on pre-entry variables recognized in the literature or campus research as predictive
 - First-generation status (Pike & Kuh, 2005)
 - Academic profile (Tinto, 2012)
 - Pell status (Bailey & Dynarski, 2011)
 - Credit Hour Load (Szafran, 2001)
 - Persistently low achieving high school, Nevada core GPA
- Focus on bivariate relationships, examine cumulative impact

Risk Factors

Metric	2015 N	2015 % of Class	2016 N	2016 % of Class
Unweighted transcript GPA below 2.59	171	4.7%	174	4.6%
Unweighted transcript GPA 2.6 to 2.99	545	14.9%	564	15.0%
Core GPA LT 3.0	551	15.1%	399	10.6%
Math test score below cutoff	1654	45.2%	1640	43.7%
English test score below cutoff	711	19.4%	815	21.7%
High school is persistently low achieving	451	12.3%	479	12.8%
Received a Pell grant	1295	35.4%	1388	37.0%
First generation	1887	51.6%	1921	51.2%
Enrolled in less than 15 credit hours	1098	30.0%	1252	33.4%
At least one risk factor	3170	86.7%	3268	87.1%
Three or more risk factors	1348	36.9%	1366	36.4%

First-Year Retention For At Risk Students

Metric	2015 Rate	2016 Rate
Unweighted transcript GPA below 2.59	62.6%	48.3%
Unweighted transcript GPA 2.6 to 2.99	67.7%	62.6%
Core GPA LT 3.0	67.0%	58.6%
Math test score below cutoff	73.5%	69.9%
English test score below cutoff	70.7%	67.5%
High school is persistently low achieving	74.7%	66.0%
Received a Pell grant	76.4%	72.5%
First generation	76.3%	71.5%
Enrolled in less than 15 credit hours	73.4%	72.8%
At least one risk factor	76.3%	73.0%
Three or more risk factors	71.9%	66.8%

Student Outreach Specialists

- Collaborate directly with Vice Provost of Undergraduate Education
- Provide supplemental advising for students exhibiting three or more risk factors
- Student Outreach Specialists
 - Introduction to student within first week of class (email, followed by phone call, offer face to face appointment)
 - Frequent contact with students (required minimum of 3 check ins each semester)
 - Push routine messaging on academic resources

Freshman Academy

- Unweighted transcript GPA
 - Pick cut off for 200 students
- Create a co-enrollment program with community college
 - All courses on UNLV campus, but ½ offered by College of Southern Nevada
 - Increase support programs for students

Freshman Academy

- Early Results
 - Logistical problems with co-enrollment
 - Impact on NV statewide scholarship
 - Low follow up by students

Metric	Fall 2017 qualify but no FA	Fall 2018 FA	Fall 2018 qualify but no FA
1 st Spring Retention	88.0%	88.4%	81.8%
1 st Semester GPA	1.92	1.87	1.94

- Reconfigure for fall 2019
 - Remove co-enrollment
 - More direct push services (perhaps mandatory)

Time to Share

- Where are areas on your campus you can partner to effect change?
 - How have you traditionally approached these groups?
 - How can you modify that approach if haven't had success?
- What do you do to make sure you are closing the loop on those efforts?
 - How do you help prepare campus for willingness to experiment (including potential failures)?

Additional Questions?

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