

When the Undergraduate Admission Policy Does Not Apply

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Abstract

The undergraduate admission policy of a large, public, Midwestern university is based on an applicant's ACT percentile rank, high school graduation class percentile rank, and whether or not the applicant has completed a suite of high school core courses. This presentation discusses how this policy is applied and how it can be improved.

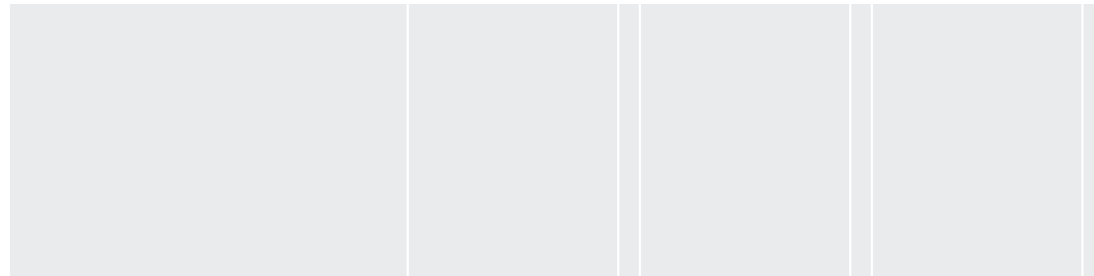
When the



UM's HSCoreCourseRequirements

1. Took \geq 4 yrs of HS English
2. Took \geq 4 yrs of HS Math
3. Took \geq 3 yrs of HS Science
4. Took \geq 3 yrs of HS Social Studies
5. Took \geq 1 yr of HS Visual/Performing Arts
6. Took \geq 2 yrs of the same HS Foreign Language

The Issue



The Issue: A Closer Look

UM FT,DS,FTC undergraduates, recent grad,
took UM req HScore courses, took ACT/SAT.

*** Remove ACT \geq 24 ***

	FS2009	FS2014	FS2019
Have HS%Rank	1,527	1,263	928
Do NOT	277	597	745
	15.4%	32.1%	44.5%
TOTAL	1,804	1,860	1,673

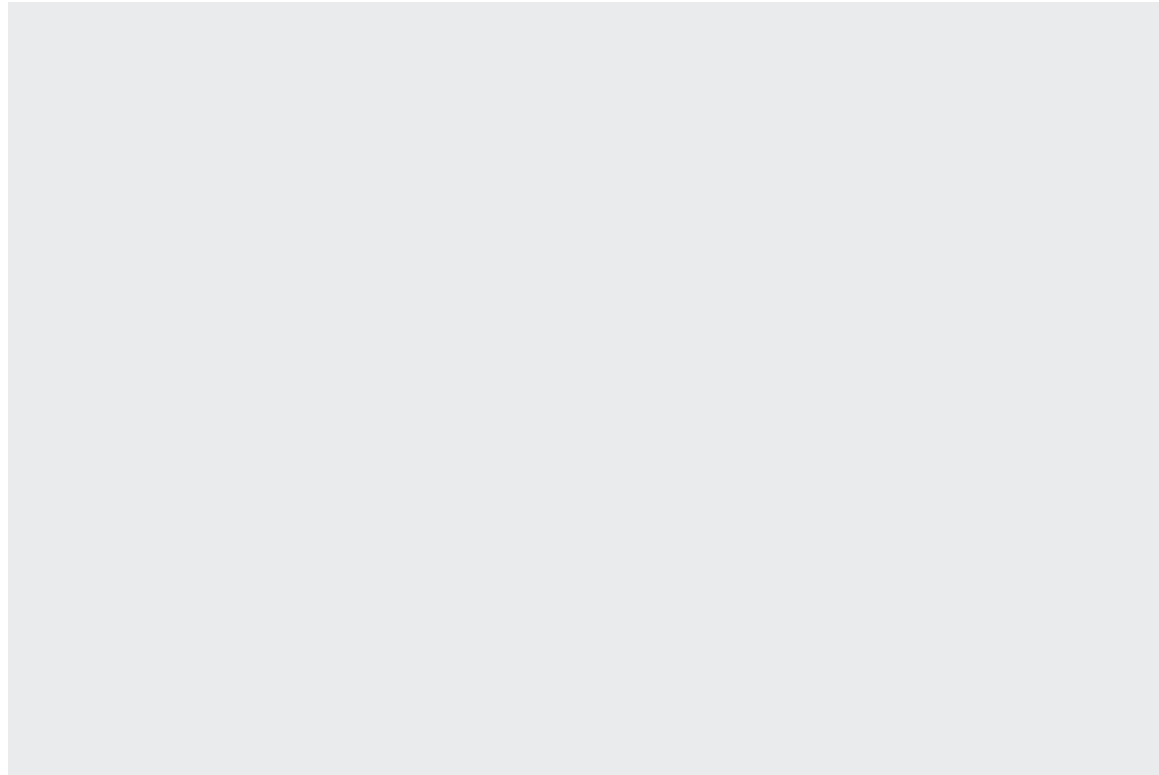
Legacy Approach Dr. Joe

Legacy Approach Dr. Joe Saupec. 2003: Step#2

Legacy Approach

LegacyApproach

LegacySolution Dr. JoeSaupec. 2003: Step#3



UM Admission Policy for FTCE Full time, Degree seeking U/G.

*** Full, official ***

Automatic admission to UM if:

- (a) took ACT/SAT, (b) completed UM's HS core course requirements, and (c) graduated recently from an accredited high school, **and either**
- Score ≥ 24 on ACT, **or**
- Satisfy "120 Rule" ($\%ACT + HS\ Grad\ Class\ \%Rank \geq 120$), **or**
- Grad from a ranking MO high school & $HS\ Grad\ Class\ \%Rank \geq 90$, **or**
- Grad from a non ranking MO high school & HS Core Course GPA $\geq 3.5/4.0$.

UM

Alternative Approaches when HS%Rank is Missing (Research in Progress)

1. Regression ($HSCCGPA = UM_HS_Pcnt, ACT$). Then given ACT, estimate min HSCCGPA.
2. Logistic ($SUCCEED = HSCCGPA, ACT$). Then given ACT, and stated desired success probability, estimate min HSCCGPA.
3. Logistic ($RETAINED = HSCCGPA, ACT$). Then given ACT, and stated desired success probability, estimate min HSCCGPA.
4. Logistic ($GRAD4 = HSCCGPA, ACT$). Then given ACT, and stated desired success probability, estimate min HSCCGPA.
5. Logistic ($PROG4 = HSCCGPA, ACT$). Then given ACT, and stated desired success probability, estimate min HSCCGPA.

QUESTIONS

