



Montana State University – Bozeman Freshman Aid Policy Document 2018-19

To: Ronda Russell, Director of Admissions
From: Brynn Saunders, Hardwick Day
Date: November 17, 2017
Subject: 2018-2019 Freshman Packaging Policy

Below is a written narrative of the packaging policy that MSU-Bozeman has chosen to utilize for the incoming freshman class of 2018-2019. In order for us to provide you with the best analysis and advice during your enrollment cycle, it is imperative that our understanding of your policy aligns completely with your internal packaging policies. Please take a few moments to review this document. If you find errors, omissions or differences between the statements below and your policies, please be sure to let us know.

Policy Changes Relative to Last Year's, 2017-2018, Aid Policy

- Assuming the admit pool will increase by 3.5%.
- No longer using high school rank in determining academic rank; instead doubling GPA.
- No longer awarding scholarships to any student with an ACT (or equivalent) below [REDACTED]

Determine Student Aid Targets

Calculate total points

Hardwick Day has provided a calculator for use by admissions in determining total academic points.

Total points are calculated by putting 2/3 weight on High School GPA and 1/3 weight on Test Score.
Total Points = GPA Points (out of 10 multiplied by 2) + Test Points (out of 10).

GPA points are determined using the parameters in the table below. Test points are determined using the parameters in the tables below. SAT scores are converted into ACT scores using the College Board concordance table provided at the end of this document. GPA Points and Test Points are added together for a total of up to 30 Total Points. A student must have a test score to be eligible for a scholarship.

If both SAT and ACT scores are reported, whichever score is higher – the SAT converted to ACT or actual ACT – is used.

GPA Points		Test Points	
GPA	Points		Points
	1		1
	2		2
	3		3
	4		4
	5		5
	6		6
	7		7
	8		8
	9		9
	10		10

2018-2019 Estimated Costs

Residents

Tuition and Fees: \$7,365

Room and Board: \$9,250

Other costs: \$4,880

Standard Cost of Attendance: \$21,495

Non-Residents

Tuition and Fees: \$25,272

Room and Board: \$9,250

Other costs: \$4,880

Standard Cost of Attendance: \$39,402

Choose Appropriate Regime

MSU-Bozeman employs three awarding regimes, based upon the students' residence status. Residents are awarded based on previously specified criteria, Non-Residents' regime is detailed below, and WUE students are managed via an application process. Students that are not given WUE status are awarded using the Non-Resident regime.

Determine Merit

Non-Residents

Total Points	Need Index									
	1		2		3		4		5	
	Merit	Need	Merit	Need	Merit	Need	Merit	Need	Merit	Need
1	■		■		■		■		■	
9	■		■		■		■		■	
14	■		■		■		■		■	
19	■		■		■		■		■	
24	■		■		■		■		■	

Additionally, “super students” who meet the following criteria are given a ■ merit bump:

- ACT score (or equivalent) of at least ■
- High school GPA of at least ■

Order of Packaging

1. **Package merit-based award** using regime designation and calculated total points, above.
2. **Calculate Pell award** according to federal expected family contribution, package if eligible.
3. **Calculate SEOG award** according to institutional policy, package if applicable.
4. **Calculate State grant** according to policy, package if eligible.
5. **Package Work Study**
6. **Package Direct Loans**

Examples of Packaging Procedure

An incoming student has a GPA of ■ and an ACT score of ■. Referencing the academic point tables above, the student would be assigned (■ + ■) = 18 academic points. According to the scholarship grid, this student should qualify for a ■ scholarship.

Another incoming student has a GPA of ■ and an ACT score of ■. Referencing the academic point tables above, the student would be assigned (■ + ■) = 30 academic points. According to the scholarship grid, this student should qualify for a ■ scholarship + ■ super student bump for a total scholarship of ■.

Final Simulation Results

MSU-Bozeman Proposed Policy for Fall 2018

All Freshmen

Actual					Simulation				
2017 Model Population					Model Population Estimates				
	Enrolled	Inst Grant	Net Rev.	Discount	Enrolled	Inst Grant	Net Rev.	Discount	
Test:	2992	\$13,045,101			3018	\$13,106,736			2017 Budget
	(Simulated estimates based on 2017 awards)					\$13,106,736			With Budget Increase
					Marginal				
					26	\$61,635			2017 Budget
					26	\$61,635			With Budget Increase
					Actual + Marginal (with Budget Increase)				
Model:	2992	\$13,113,044			3018	\$13,174,679			
	2017 Excluded Freshmen				Excluded Freshmen (with Budget Incr				
Athletes:	33	\$372,837			33	\$381,486			
Internationals:	14	\$3,000			14	\$3,070			
Independents:	53	\$59,597			53	\$60,980			
Total:	100	\$435,434			100	\$445,536			
	2017 Total Freshmen				Total Freshmen Estimates				
	3092	\$13,548,478	\$34,271,044		3118	\$13,620,216			

Admit and Yield Assumptions Modeled (Non-Residents)

Admit and Yield Adjustments

Admit & Yield Adjustments

	Acad Index	2017 Admits	% Increase	2018 Admits (Target)	2017 Yield	Yield Adjustment
Non-Aid Applicants	1	823	3.5%	852	13%	0%
	2	726	3.5%	751	10%	0%
	3	742	3.5%	768	9%	0%
	4	550	3.5%	569	7%	0%
	5	508	3.5%	526	10%	0%
\$33,000 or More	1	309	3.5%	320	24%	0%
	2	391	3.5%	405	18%	0%
	3	510	3.5%	528	15%	0%
	4	465	3.5%	481	18%	0%
	5	508	3.5%	526	19%	0%
\$12,000-\$32,999	1	267	3.5%	276	20%	0%
	2	352	3.5%	364	15%	0%
	3	423	3.5%	438	14%	0%
	4	387	3.5%	401	16%	0%
	5	435	3.5%	450	20%	0%
\$1-\$11,999	1	314	3.5%	325	16%	0%
	2	274	3.5%	284	11%	0%
	3	343	3.5%	355	12%	0%
	4	317	3.5%	328	13%	0%
	5	293	3.5%	303	19%	0%
\$0 EFC	1	127	3.5%	131	18%	0%
	2	94	3.5%	97	20%	0%
	3	109	3.5%	113	12%	0%
	4	68	3.5%	70	6%	0%
	5	58	3.5%	60	17%	0%
Total		9393		9722	329	Total Admit Change

Concordance Table: ACT to Old SAT

ACT Score	Converted SAT Score	ACT Score	Converted SAT Score
11	530	24	1110
12	590	25	1150
13	640	26	1190
14	690	27	1220
15	740	28	1260
16	790	29	1300
17	830	30	1340
18	870	31	1380
19	910	32	1420
20	950	33	1460
21	990	34	1510
22	1030	35	1560
23	1070	36	1600

Concordance Table: Old SAT to ACT

SAT Score	Converted ACT Score	SAT Score (continued)	Converted ACT Score (continued)
400	11	1090	24
560	12	1130	25
620	13	1170	26
670	14	1210	27
720	15	1250	28
770	16	1290	29
820	17	1330	30
860	18	1360	31
900	19	1400	32
940	20	1440	33
980	21	1490	34
1020	22	1540	35
1050	23	1600	36

Concordance Table: ACT to Redesigned SAT

ACT	Redesigned SAT	ACT	Redesigned SAT
11	590	24	1180
12	680	25	1220
13	740	26	1260
14	780	27	1290
15	830	28	1320
16	870	29	1360
17	910	30	1400
18	950	31	1430
19	990	32	1470
20	1030	33	1500
21	1070	34	1540
22	1110	35	1570
23	1140	36	1600

Concordance Table: Redesigned SAT to ACT

Redesigned SAT	ACT	Redesigned SAT	ACT
560	11	1160	24
630	12	1200	25
720	13	1240	26
760	14	1280	27
810	15	1310	28
860	16	1350	29
900	17	1390	30
940	18	1420	31
980	19	1450	32
1020	20	1490	33
1060	21	1520	34
1100	22	1560	35
1130	23	1600	36

Concordance Table: Old SAT to Redesigned SAT

Old SAT	Redesigned SAT	Old SAT	Redesigned SAT	Old SAT	Redesigned SAT
400	400	810	890	1220	1290
410	420	820	900	1230	1300
420	430	830	910	1240	1310
430	450	840	920	1250	1310
440	460	850	930	1260	1320
450	480	860	940	1270	1330
460	490	870	950	1280	1340
470	510	880	960	1290	1350
480	520	890	970	1300	1360
490	530	900	980	1310	1370
500	550	910	990	1320	1380
510	560	920	1000	1330	1390
520	580	930	1010	1340	1400
530	590	940	1020	1350	1410
540	610	950	1030	1360	1420
550	620	960	1040	1370	1420
560	640	970	1050	1380	1430
570	650	980	1060	1390	1440
580	670	990	1070	1400	1450
590	680	1000	1080	1410	1460
600	700	1010	1090	1420	1470
610	710	1020	1100	1430	1480
620	720	1030	1110	1440	1480
630	730	1040	1120	1450	1490
640	740	1050	1130	1460	1500
650	750	1060	1130	1470	1510
660	750	1070	1140	1480	1510
670	760	1080	1150	1490	1520
680	770	1090	1160	1500	1530
690	780	1100	1170	1510	1540
700	790	1110	1180	1520	1540
710	800	1120	1190	1530	1550
720	810	1130	1200	1540	1560
730	820	1140	1210	1550	1560
740	830	1150	1220	1560	1570
750	840	1160	1230	1570	1580
760	850	1170	1240	1580	1590
770	860	1180	1250	1590	1590
780	860	1190	1260	1600	1600
790	870	1200	1270		
800	880	1210	1280		