

**University of Washington Bothell
Office of the Vice Chancellor for Academic Affairs**

**Attrition Research
Summary Report on Analysis of Selected Student
Database Information**

June 8, 2009

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Analysis

Information was extracted from the University of Washington Bothell (UWB) student database for students who enrolled as freshman and (1) are currently enrolled or (2) have since dropped out of or not returned to the university (excluding dismissals). This information was used to compare the lower division students who are currently enrolled with those who have dropped out/not returned to UWB. In addition, the database information was used to compare two groups of students who have dropped or not returned to UWB: those who were interviewed as part of the telephone survey of non-returning lower-division students, and those who were not interviewed in the survey.

The following information was included in the analyses:

- Gender
- Race or ethnicity
- Age
- Whether student would be a first generation college graduate
- Major requested at the time of application
- SAT scores (Verbal and Math)
- High school GPA
- UWB cumulative GPA

Comparisons were made using chi-square tests and t-tests for independent samples.

Results

Lower division students who have dropped out of or not returned to UWB differ from the lower division students who are currently enrolled in the following respects:

- Gender. A higher proportion of female students have dropped out/not returned to UWB than are currently enrolled.
- Major requested at the time of application. A higher proportion of students who have dropped out/not returned requested “B Pre,” Bothell premajor, and a smaller proportion requested “CSS” as a major than did students who are currently enrolled.
- UWB GPA. The UWB cumulative GPA was significantly lower for students who have dropped out/not returned to UWB than for students who are currently enrolled.

The significant differences between students who have dropped out/not-returned and students who are currently enrolled at UWB are shown in the shaded areas in the next two tables.

Among the lower division students who dropped/did not return to UWB, there were no significant differences between those who participated in the survey of non-returning students and those who did not participate in the survey.

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Database Information: Comparisons of Currently Enrolled and Inactive Students
April 2009

Results in shaded areas are statistically significant (p<.05)

		Enrollment status				Group Total	
		Currently enrolled		Inactive		Count	Col %
		Count	Col %	Count	Col %		
Race or ethnicity	Caucasian	185	41.5%	38	54.3%	223	43.2%
	Other	227	50.9%	27	38.6%	254	49.2%
	Not indicated	34	7.6%	5	7.1%	39	7.6%
Group Total		446	100.0%	70	100.0%	516	100.0%
Gender	Female	199	44.6%	42	60.0%	241	46.7%
	Male	247	55.4%	28	40.0%	275	53.3%
Group Total		446	100.0%	70	100.0%	516	100.0%
First generation college graduate?	Yes	185	43.8%	33	48.5%	218	44.5%
	No	237	56.2%	35	51.5%	272	55.5%
Group Total		422	100.0%	68	100.0%	490	100.0%
Major requested at time of application	A CMPT	2	0.4%			2	0.4%
	B A	1	0.2%	1	1.5%	2	0.4%
	B BUS	160	35.9%	19	27.9%	179	34.8%
	B PRE	107	24.0%	31	45.6%	138	26.8%
	BIS	96	21.5%	12	17.6%	108	21.0%
	C SCI	1	0.2%			1	0.2%
	CSS	74	16.6%	4	5.9%	78	15.2%
	DXARTS	1	0.2%			1	0.2%
	HIST	1	0.2%			1	0.2%
	LSJ	1	0.2%			1	0.2%
	PREMAJ	2	0.4%	1	1.5%	3	0.6%
Group Total		446	100.0%	68	100.0%	514	100.0%

	Enrollment status				Group Total	
	Currently enrolled		Inactive		Mean	Valid N
	Mean	Valid N	Mean	Valid N		
SAT - Verbal	510.12	N=426	518.15	N=65	511.18	N=491
SAT - Math	548.59	N=426	532.92	N=65	546.52	N=491
High school GPA	3.29	N=441	3.25	N=68	3.28	N=509
UWB GPA	3.09	N=446	2.52	N=68	3.01	N=514
UWB GPA (omitting students with GPA = 0)	3.09	N=446	2.63	N=65	3.03	N=511