

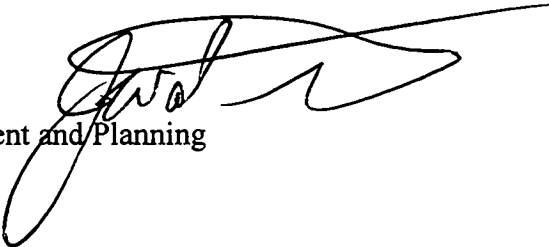
Simon Fraser University
Memorandum

To: Senate

From: J. Waterhouse, Chair
Senate Committee on Enrolment Management and Planning

Date: February 17, 2006

Subject: Enrolment Targets - Multi-Year Undergraduate Enrolment Plan for SFU



Action undertaken by the Senate Committee on Enrolment Management and Planning gives rise to the following motion.

Motion:

“That Senate approve and recommend to the Board of Governors the 2006/07 enrollment targets as laid out in the document *Revised: A Multi-Year Undergraduate Enrollment Plan for SFU.*”

REVISED: A MULTI-YEAR UNDERGRADUATE ENROLLMENT PLAN FOR SFU

Targets for Undergraduate Program Majors

This plan contains a set of targets for undergraduate program majors by Faculty from 2005/06 to 2010/11. These targets will be reviewed and adjusted annually on the basis of strategic priorities and actual performance.

For undergraduates, the plan begins with the overarching assumption that we will meet our provincial FTE targets for domestic students as shown in **Table 1** (in incremental format). These call for an increase of 1,032 FTE in the three years 05/06 to 07/08 with a further 1,051 FTE over the period 08/09 to 10/11, a total of 2,083 FTE over six years. The Province has further broken out the targets for Surrey vs. SFU Bby/HC. Of the total of 2,083 FTE, 1,243 are earmarked for Surrey expansion. The remainder, 840 FTE, is targeted at SFU/Bby.

At Bby/HC, the two priorities are to meet our target of DTO FTE majors by 2010/11 plus develop BA and BSc programs in Health Sciences to accommodate 940 FTE majors. We will need to increase the number of FTE majors in DTO programs from 04/05 levels by 508 students. This includes additional funding for 162 students in 05//06 and 06/07 plus enrollment recovery (catch up) of 346 students.

Given the overall target at SFU Bby/HC, it follows that a net reduction of 606 FTE majors is required in other areas. We intend that the level of FTE program majors will remain at 04/05 levels for Business, Education, Science, and non-DTO Applied Sciences, and that a downward adjustment of 606 FTE majors will be applied to the Faculty of Arts and Social Sciences. This will bring the Faculty back to the level of FTE majors supported in 01/02. The results are shown in **Table 2**.

At Surrey, the SFU Surrey Coordinating Committee chaired by the Associate VP Academic has determined the distribution of the program FTE targets by Faculty as shown in **Table 3**.

Table 4 combines both campuses and shows the net effect for domestic students. The province requires us to report our FTE enrolments in this format each year. Included in the domestic counts are "grandfathered" international students who were admitted to SFU prior to fall, 2003 and who are included within the provincial FTE targets. There were approximately 300 FTE "grandfathered" international students remaining in 05/06 who are expected to graduate by 07/08.

There is one further addition required and that is for full-cost-recovery international students admitted since fall, 2003 and who are not included in the provincial targets. Our plan is to increase the size of this group of students to 10% of our funded domestic target. This requires an incremental growth of 1,049 FTE over the six years as shown in the international line in **Table 5**. The allocations by Faculty are assumed to follow historical patterns with adjustments for the onset of Health Sciences.

Table 6 brings all sites and all students together to show the effects of growth in total FTE majors for each Faculty and expresses this in terms of % shares of FTE majors. Note that each Faculty experiences growth in program majors, albeit at differential rates.

Impact on Faculties at the Course FTE level

The establishment of program FTE targets by Faculty will explicitly determine new student headcount intake targets. In any given year, the number of new FTE majors required in any Faculty will be the difference between program FTE targets and the contribution expected from continuing students and internal transfer students.

The program FTE targets will have a direct impact on course enrolments required in any Faculty to both provide for its own majors as well as service to majors from other Faculties. Course enrolments are closely connected to the resources provided to Faculties for instruction.

Table 7 provides estimates of course enrollment FTEs required to be delivered by each Faculty over all sites and all undergraduates. These correspond to the "official" FTE course counts distributed internally to all programs, departments, schools, and Faculties by Analytical Studies at the end of the third week of each semester.

The transformation of program FTEs into course FTEs is accomplished through the use of the "induced course load matrix" which describes how a specific Faculty's course enrolments are spread over all program majors. Conversely, the matrix also shows how the majors from a given Faculty spread their course load over all Faculties. For modeling purposes, we have assumed that the 05/06 patterns embedded in the matrix apply to future program majors.

Table 7 includes the delivery of Health Sciences courses to the first cohort of BA majors in Health Sciences admitted in 06/07 as well as service courses to students from other Faculties. It also incorporates the delivery of course enrolments in Applied Sciences, FASS, Science, and Health Sciences to BA and BSC majors in Health Sciences.

Note that growth in delivery of course enrolments is focused primarily in APSC, BUS, SCI, and HS. FASS grows by 12% over the 6 year interval, which is more than their growth in majors and includes a higher proportion of service courses delivered to students from other Faculties than exists at present.

Revised Undergraduate Enrollment Plan (with extended period for DTO catchup)

TABLE 1. SFU PROGRAM FTE - UG PROGRAMS - INCREMENTAL

	Service Plan										Add'ns over	Comments
	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11			
BURNABY											6 yrs	
UG - General	170	98	247	-25	58	117	117	121	270		658	->Inferred
UG - on-line learning		20	20	20							20	
UG - DTO	136	136	136	136	26	0	0	0	0		162	->from AVED
Subtotal BBY	306	254	403	131	84	117	117	121	270		840	->from AVED
SURREY	400	200	200	200	250	250	250	250	43		1,243	->From AVED
ALL SITES DOMESTIC	706	454	603	331	334	367	367	371	313		2,083	->From AVED
ALL SITES - INTERNATIONAL		375	375	375	375	194	36	37	32		1,049	->Internal Targets
ALL SITES - ALL STUDENTS	706	829	978	706	709	561	403	408	345		3,132	->Internal Targets

TABLE 2. SFU PROGRAM FTE - BURNABY/HC - DOMESTIC

Faculty	Actual	Actual	Actual	Actual	Service Plan							Add'ns over	Comments
	01/02	02/03	03/04	04/05	05/06Est	06/07	07/08	AVED projected			6 yrs		
Applied Sciences	1,867	2,094	2,111	1,991	1,961	2,055	2,166	2,277	2,388	2,499	508	DTO catchup %yrs	
DTO	823	949	943	886	840	951	1,061	1,172	1,283	1,394	508	DTO catchup 5Yrs	
APSC Other	1,044	1,146	1,168	1,105	1,121	1,105	1,105	1,105	1,105	1,105	0	04/05 status quo	
Arts & Social Sciences	7,447	7,901	7,840	8,226	8,424	8,234	8,031	7,775	7,549	7,620	-606	reduction in majors	
Business	1,360	1,435	1,475	1,464	1,496	1,464	1,464	1,464	1,464	1,464	0	04/05 status quo	
Education	1,031	915	836	827	735	827	827	827	827	827	0	04/05 status quo	
Health Sciences	0	0	0	0		192	354	616	853	940	940	new program	
Sciences	2,648	2,720	2,518	2,460	2,363	2,413	2,460	2,460	2,460	2,460	0	04/05 status quo	
Undeclared & Open Learning	139	134	192	134	139	134	134	134	134	134	0	04/05 status quo	
SFU Actuals	14,492	15,199	14,973	15,101	15,118	15,318	15,435	15,552	15,673	15,943	842		
AVED & SIF Targets	14,140	14,446	14,700	15,103	15,234	15,318	15,435	15,552	15,673	15,943	840		
Surplus	352	753	273	-2	-116	0	0	0	0	0			

TABLE 3. SFU PROGRAM FTE - SURREY - DOMESTIC

Faculty	Actual 01/02	Actual 02/03	Actual 03/04	Actual 04/05	Service Plan					AVED projected				Add'ns over 6 yrs	Comments
					05/06	06/07	07/08	08/09	09/10	10/11	08/09	09/10	10/11		
Applied Sciences		452	593	743	726	790	810	830	850	850	107	Draft 9 Surrey Plan			
Arts & Social Sciences					90	173	237	300	400	413	413	Draft 9 Surrey Plan			
Business					80	130	190	250	368	378	378	Draft 9 Surrey Plan			
Education				47	108	108	108	162	162	172	125	Draft 9 Surrey Plan			
Health Sciences					40	80	120	160	160	170	170	Draft 9 Surrey Plan			
Sciences					10	23	35	48	60	60	60	Draft 9 Surrey Plan			
Undeclared & Open Learning															
SFU Actuals	0	452	593	790	1,054	1,304	1,500	1,750	2,000	2,043	1,253				
AVED & SIF Targets		400	600	800	1,000	1,250	1,500	1,750	2,000	2,043	1,243				
Surplus		52	-7	-10	54	54	0	0	0	0					

TABLE 4. SFU PROGRAM FTE - ALL SITES - DOMESTIC

Faculty	Actual 01/02	Actual 02/03	Actual 03/04	Actual 04/05	Service Plan					AVED projected				Add'ns over 6 yrs
					05/06Est	06/07	07/08	08/09	09/10	10/11	08/09	09/10	10/11	
Applied Sciences	1,867	2,546	2,704	2,734	2,687	2,845	2,976	3,107	3,238	3,349	615			
Arts & Social Sciences	7,447	7,901	7,840	8,226	8,514	8,407	8,268	8,075	7,949	8,033	-193			
Business	1,360	1,435	1,475	1,464	1,576	1,594	1,654	1,714	1,832	1,842	378			
Education	1,031	915	836	874	843	935	935	989	989	999	125			
Health Sciences	0	0	0	0	0	192	354	616	853	940	940			
Sciences	2,648	2,720	2,518	2,460	2,403	2,493	2,580	2,620	2,620	2,630	170			
Undeclared & Open Learning	139	134	192	134	149	157	169	182	194	194	60			
SFU Actuals	14,492	15,651	15,566	15,891	16,172	16,622	16,935	17,302	17,673	17,986	2,095			
AVED & SIF Targets	14,140	14,846	15,300	15,903	16,234	16,568	16,935	17,302	17,673	17,986	2,083			
Surplus	352	805	266	-12	62	54	0	0	0	0				

TABLE 5a. SFU PROGRAM FTE - ALL SITES - INTERNATIONAL

Faculty	Actual 01/02	Actual 02/03	Actual 03/04	Actual 04/05	Service Plan					AVED projected					Add'ns over 6 yrs	
					05/06act	06/07	07/08	08/09	09/10	10/11	08/09	09/10	10/11			
Applied Sciences			53	124	193	240	280	294	310	324	200					
Arts & Social Sciences			158	408	539	727	804	805	803	809	401					
Business			51	187	313	330	356	346	336	324	137					
Education			1		1						0					
Health Sciences					0	15	42	69	88	108	108					
Sciences			37	99	126	188	212	216	230	234	135					
Undeclared & Open Learning			0	0	2	0	0	0	0	0	0					
SFU Actuals	0	0	300	818	1,173	1,500	1,694	1,730	1,767	1,799	981					
SFU Targets			375	750	1,125	1,500	1,694	1,730	1,767	1,799	1,049					
Surplus	0	0	-75	68	48	0	0	0	0	0	0					

Note that Table 5 does not include approximately 300 FTE "grandfathered" international students who were admitted to SFU prior to fall, 2003 and who are expected to graduate by 07/08. These students are included in the domestic enrollments and in the provincial FTE targets.

TABLE 5b. ASSUMPTIONS - SHARES OF INTERNATIONAL STUDENTS

Faculty	Actual 01/02	Actual 02/03	Actual 03/04	Actual 04/05	Service Plan					AVED projected						
					05/06	06/07	07/08	08/09	09/10	10/11	08/09	09/10	10/11			
Applied Sciences			18%	15%	15.5%	16.0%	16.5%	17.0%	17.5%	18%						
Arts & Social Sciences			53%	50%	49.5%	48.5%	47.5%	46.5%	45.5%	45%						
Business			17%	23%	22.5%	22.0%	21.0%	20.0%	19.0%	18%						
Education			0%	0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%						
Health Sciences			0%	0%	0.0%	1.0%	2.5%	4.0%	5.0%	6%						
Sciences			12%	12%	12.5%	12.5%	12.5%	12.5%	13.0%	13%						
Undeclared & Open Learning			0%	0%	0%	0%	0%	0%	0%	0%						
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%						

TABLE 6A. SFU PROGRAM FTE - ALL SITES - ALL STUDENTS

	Actual					Service Plan					AVED projected					Add'ns over 6 yrs	% Chge 6 Yrs
	01/02	02/03	03/04	04/05	05/06Est	06/07	07/08	08/09	09/10	10/11	06/07	07/08	08/09	09/10	10/11		
Faculty	1,867	2,546	2,757	2,858	2,879	3,085	3,256	3,401	3,548	3,673	815	29%					
Applied Sciences	7,447	7,901	7,998	8,634	9,053	9,134	9,072	8,880	8,752	8,842	208	2%					
Arts & Social Sciences	1,360	1,435	1,526	1,651	1,889	1,924	2,010	2,060	2,168	2,166	515	31%					
Business	1,031	915	837	874	844	935	935	989	989	999	125	14%					
Education	0	0	0	0	0	207	396	685	941	1,048	1,048	12%					
Health Sciences	2,648	2,720	2,555	2,559	2,529	2,681	2,792	2,836	2,850	2,864	305	12%					
Sciences	139	134	192	134	151	157	169	182	194	194	60	45%					
Undeclared & Open Learning	14,492	15,651	15,866	16,709	17,345	18,122	18,629	19,032	19,440	19,785	3,077	18%					
SFU/Actuals	14,140	14,846	15,675	16,653	17,359	18,088	18,629	19,032	19,440	19,785	3,132						
SFU Targets	352	805	191	56	-15	54	0	0	0	0							
Surplus																	

TABLE 6b. SFU PROGRAM FTE SHARES - ALL SITES - ALL STUDENTS

	Actual					Service Plan					AVED projected				
	01/02	02/03	03/04	04/05	05/06Est	06/07	07/08	08/09	09/10	10/11	06/07	07/08	08/09	09/10	10/11
Faculty and Credential	12.9%	16.3%	17.4%	17.1%	16.6%	17.0%	17.5%	17.9%	18.3%	18.6%	51.4%	50.5%	50.4%	51.7%	52.2%
Applied Sciences	51.4%	50.5%	50.4%	51.7%	52.2%	50.4%	48.7%	46.7%	45.0%	44.7%	9.4%	9.2%	9.6%	9.9%	10.9%
Arts & Social Sciences	9.4%	9.2%	9.6%	9.9%	10.9%	10.6%	10.8%	10.8%	11.1%	10.9%	7.1%	5.8%	5.3%	5.2%	5.0%
Business	7.1%	5.8%	5.3%	5.2%	4.9%	5.2%	5.0%	5.2%	5.1%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Education	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	2.1%	3.6%	4.8%	5.3%	18.3%	17.4%	16.1%	15.3%	14.6%
Health Sciences	18.3%	17.4%	16.1%	15.3%	14.6%	14.8%	15.0%	14.9%	14.7%	14.5%	1.0%	0.9%	1.2%	0.8%	0.9%
Sciences	1.0%	0.9%	1.2%	0.8%	0.9%	0.9%	0.9%	1.0%	1.0%	1.0%	100%	100%	100%	100%	100%
Undeclared & Open Learning	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SFU Actuals															

TABLE 7a. COURSE FTE - ALL SITES - ALL STUDENTS

Faculty	Actual 01/02	Actual 02/03	Actual 03/04	Actual 04/05	Service Plan						Add'ns over 6 yrs	% Chge 6 Yrs
					05/06Est	06/07	07/08	08/09	09/10	10/11		
Applied Sciences	2,186	2,768	2,909	2,836	2,851	3,003	3,136	3,227	3,333	3,425	588	21%
Arts & Social Sciences	7,111	7,538	7,629	8,074	8,639	8,854	8,991	8,915	8,921	9,025	951	12%
Business	1,424	1,543	1,602	1,692	1,755	1,783	1,841	1,862	1,924	1,933	241	14%
Education	1,464	1,298	1,304	1,365	1,373	1,461	1,512	1,550	1,545	1,561	196	14%
Health Sciences				0	0	163	218	428	567	641	641	
Sciences	2,478	2,653	2,585	2,824	2,806	2,946	3,061	3,161	3,249	3,307	483	17%
TOTAL	14,664	15,800	16,029	16,790	17,424	18,211	18,759	19,143	19,539	19,991	3,101	18%

TABLE 7b. COURSE FTE SHARES - ALL SITES - ALL STUDENTS

Faculty and Credential	Actual 01/02	Actual 02/03	Actual 03/04	Actual 04/05	Service Plan						AVED projected
					05/06Est	06/07	07/08	08/09	09/10	10/11	
Applied Sciences	14.9%	17.5%	18.1%	16.9%	16.4%	16.5%	16.7%	16.9%	17.1%	17.2%	
Arts & Social Sciences	48.5%	47.7%	47.6%	48.1%	49.6%	48.6%	47.9%	46.6%	45.7%	45.4%	
Business	9.7%	9.8%	10.0%	10.1%	10.1%	9.8%	9.8%	9.7%	9.8%	9.7%	
Education	10.0%	8.2%	8.1%	8.1%	7.9%	8.0%	8.1%	8.1%	7.9%	7.8%	
Health Sciences	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.2%	2.2%	2.9%	3.2%	
Sciences	16.9%	16.8%	16.1%	16.8%	16.1%	16.2%	16.3%	16.5%	16.6%	16.6%	
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	