WQB Requirement Substitution Request
Computing Science Dual Degree Program
Applicable to students entering SFU beginning Fall 2006

This is to request that special consideration be given in applying the Breadth component of the new WQB requirements to the Computing Science Dual Degree Program (DDP).

SFU students admitted to the University beginning in the Fall 2006 semester must meet writing, quantitative, and breadth requirements as part of any degree program they may undertake, as specified in the SFU calendar. All undergraduate degree programs, including the Computing Science DDP are expected to harmonize with this policy to enable students to meet the WQB requirements. This would include DDP students admitted through ZU. The first group of students from Zhejiang University (ZU), China, will come to SFU for their two years of studies as early as May 2008.

One of the unique features of the DDP is the international component in which students study at ZU for two years. Students are expected to build competency in learning and living in diverse environments in this integrated curriculum. DDP students complete more than the normal program requirements when compared with regular degree students, as they need to fulfill requirements of SFU and ZU.

The DDP curriculum for both SFU and ZU students is a diverse program that has a strong cultural component consistent in philosophy with the new breadth requirement. Due to the built-in breadth of the DDP and complexity of the curriculum, students have limited flexibility to select additional electives.

For the above reasons, we request that students completing the DDP curriculum in China be deemed to meet 2 B-Social Sciences and 2 B-Humanities requirements for the SFU degree. We believe this request supports the DDP mandate and ensures students' successful completion of their SFU degree requirements.

The following section explains how courses in the DDP curriculum will meet WQB requirements for both SFU and ZU students.

SFU Students

This table illustrates current WQB courses in the DDP curriculum as well as WQB substitution requests for B-Hum and B-Soc courses in *Italic*.

	SFU Equivalents	WQB Requirement
Year 0 (SFU)		
PHIL 120W-3	-	W and B-Hum
Year 1 to 2 (ZU)		
Chinese Language & Culture Courses-12		***B-Soc***
Chinese course for International Students-6	20 credits	***2 x B-Hum***
Academic Chinese course-2		
Discrete Math-4	MACM 101-3	Q and B-Sci
China Survey-3	3 credits	***B-Soc***
Remaining WQB Requirement		
CMPT 376-3 (SFU)	-	W
Science course (SFU or ZU)	-	B-Sci
Undesignated Breadth course (SFU or ZU)	-	B-undesignated

W – Requirement

PHIL 120W is a 'W' and 'B-Hum' certified course required for the Dual Degree Program (DDP). DDP students take this course to fulfill 3 credits of lower division 'W' requirement, and will complete the upper division 'W' requirement by taking CMPT 376-3 "Technical Writing and Group Dynamics" in the fourth or fifth year of their program at SFU.

Q – Requirement

As many Computing Science core courses are quantitative based, DDP students will have no problem fulfilling the SFU quantitative requirement.

B – Requirement

PHIL 120 serves as one 'B-Hum' course as mentioned in the 'W' requirement above. MACM 101 equivalent serves as one 'B-Sci'. We believe the program structure and culture courses in the DDP implicitly satisfy some breadth requirements. DDP students taking the above courses should be deemed to fulfill 2 B-Soc and 2 B-Hum courses for their SFU degree. As a result, the remaining 'B requirement' is one B-Sci and one B-undesignated course to be fulfilled at SFU or ZU.

ZU Students

This table illustrates current WQB courses in the DDP curriculum as well as WQB substitution requests for B-Hum and B-Soc courses in *Italic*.

	SFU Equivalents	WQB Requirement
Year 1 to 2 (ZU)		
Moral Education and Foundations of Law-2.5	Cultural, Social Science and Humanities	*2 x B-Hum* *2 x B-Soc*
Study of Marxist Theory-2.5		
Overview of modern Chinese History-2.5		
Selection of "General Knowledge" electives adding up to 7 credits– Literature & Arts-3, Economics & Society-3, History & Culture-3		
Discrete Math-4	MACM 101-3	Q and B-Sci
Science-6 (Example: Physics, Chemistry)	Science	B-Sci
Remaining WQB Requirement (SFU)		
PHIL 100W-3 or PHIL 120W-3	-	W and B-Hum
CMPT 376-3	-	W
Undesignated Breadth course	-	B-undesignated

W – Requirement

All DDP students, including the ZU group will enrol in CMPT 376-3 "Technical Writing and Group Dynamics" to earn 3 credits of upper division 'W' credits. In addition, ZU students must complete 3 additional 'W' credits to fulfill the SFU writing requirement. The DDP curriculum encourages students to complete PHIL 100W or PHIL 120W as these fulfill both 'W' and 'B-Hum' requirements.

Q – Requirement

Since many Computing Science core courses are quantitative based, DDP students from ZU will have no problem fulfilling the SFU quantitative requirement.

B - Requirement

ZU students study at Zhejiang University in year 1 and 2 to complete lower division core Computing Science and elective courses specified in the DDP curriculum. From the curriculum, ZU students must complete Science course(s) and a MACM 101 equivalent. The combination of these courses is equivalent to 6 credits of B-Sci, therefore the 'B-Sci' requirement is fulfilled.

Some courses in the curriculum, General Knowledge courses in particular, clearly have implicit breadth components. Therefore, students are deemed to fulfill 2 B-Hum and 2 B-Soc courses for their SFU degree. The remaining 'B requirement' will be fulfilled at SFU by taking PHIL100W or PHIL 120W, and one B-undesignated course.