DUAL DEGREE PROGRAM IN COMPUTING SCIENCE
TWO DEGREES. ONE UNIQUE EXPERIENCE.
A NEW STYLE OF INTERNATIONAL EDUCATION FOR FUTURE GLOBAL LEADERS AND INNOVATORS.
A global education fosters leadership and innovation in this fast-changing world.

Simon Fraser University (SFU)’s dual degree program in computing science is a recognized leader in developing outstanding global talent ready to face new challenges.

Students in the dual degree program gain advanced technology expertise and strategic problem-solving skills combined with meaningful cross-cultural experience. Offered in partnership with Zhejiang University (ZJU) in Hangzhou, China, students study computer science abroad for two years and become fluent in their second language – Mandarin or English.

Upon graduation, students are ready to work or continue in technology research and development anywhere in the world.
SFU’s collaboration with Zhejiang University (ZJU), one of the top-3 ranked universities in China, has three major components:

- Undergraduate Dual Degree Program (DDP, B.Sc.) since 2005
- Graduate Dual Degree Programs (GDDP, M.Sc. and PhD) since 2011
- Faculty exchange and research collaborations

Benefits include:

- Developing global competency of faculty and students
- Advancing internationalization and deepening institutional partnerships
- Enhancing student mobility between China and Canada
- Research innovation and internationalization of curricula
- Attracting top students

Over 250 students enrolled in DDP from both universities

As of Spring 2016, the program has graduated more than 150 DDP students, five GDDP M.Sc. students and two GDDP PhD students

Faculty exchange: 10 ZJU and 10 SFU faculty members

Over 50% of ZJU DDP students have achieved a graduation GPA of 3.5 or higher

Over 50% of ZJU DDP students from each cohort are placed on Dean’s Honour Roll
Undergraduate Dual Degree Program Structure

Five year structure for SFU DDP students (Year one immersed in learning Chinese):

SFU  ZJU  SFU

YEAR 1  YEAR 2  YEAR 3  YEAR 4  YEAR 5

Four year structure for ZJU DDP students:

ZJU  SFU

YEAR 1  YEAR 2  YEAR 3  YEAR 4

Upon completion, students receive degrees in Computing Science from both institutions. Co-operative education option available.

Program Awards and Prizes

- 2012 British Columbia Council for International Education (BCCIE) Outstanding Program in International Education Award
- 2013 Canadian Bureau for International Education (CBIE) Panorama Award for Outstanding International Education Program
- First place, 2014 International Education Video Celebration contest, NAFSA: Association of International Educators
- BC Mandarin Speech Contest: students win at all levels multiple times

Student Achievements

Some students have chosen to further their education through graduate studies at prestigious institutions:

Harvard, Stanford, Carnegie Mellon University, University of California-Berkeley, University of Illinois Urbana–Champaign, Cornell, Yale, Columbia, Duke, University of Toronto, McGill, Simon Fraser University and University of British Columbia

Companies that employ our students in permanent and co-op positions:

Microsoft, Google, Apple, IBM, Twitter, Amazon, Facebook, LinkedIn, Yahoo, SAP, Blackberry, Electronic Arts
EMBRACING THE NEXT TEN YEARS 2015 - 2025

Vision

- Strengthen partnership on all fronts
- Enhance DDP and GDDP programs:
  - Recruit more Canadian students
  - Enrich the overall student experience: cross-culturally adept, global leaders
- Alumni network and support:
  - Engage the world
  - Create opportunities for students, research and program expansion

SFU-ZJU Joint Research Centre on Big Data

- Established in 2015 to expand research collaborations in Big Data
- Partnership with industries in Canada and China
- Enhance Graduate DDP and enrich faculty exchanges

The First SFU-ZJU Joint Workshop on Big Data
(June 25-27, 2015, Hangzhou, China)

- Research sessions in three major areas of Big Data (Networks and Systems, Multimedia and Machine Learning, Data Mining and Management)
- Keynote by Dr. Min, Director of Data Science, Alibaba

The 2nd SFU-ZJU Joint Symposium on Big Data
(November 13-15, 2016, Hangzhou, China)

- Presentations and discussions on collaborative research in two major areas of Big Data (Database Systems and Data Mining, Machine Learning and Visual Computing)
- Panel topic-The roles of industry and academia in Big Data
“一次充满挑战而又遍布机遇的异国之行！”
“A journey full of challenges as well as opportunities!”

Ning Yang
Software Development Engineer, Microsoft. Class of 2009

“四年里走遍两个大洲，体验两种文化，结识无数好友，我爱西子湖畔的垂柳，也爱千年冰原的极光。双重旅程，双倍精彩！”
“The dual degree program allowed me to travel extensively in Asia and North America, learn about different cultures and make lifelong friends. From the willows surrounding the west lake, to the northern lights on a million-year-old Canadian icefield, I relished each unique, yet phenomenal, experience.”

Xiaoqian Yin
Software Engineer, Facebook London. Class of 2015

“This is a unique program that provides both an academic and a cultural bridge between Canada and China. Dual Degree Program was a perfect fit for my adventurousness and my creativity, as well as my desire to know a world beyond my backyard; I have met so many people and have had so many unique experiences that have given me more confidence and made me feel like a citizen of the world.”

Sterling Hoeree
Software Engineer, Demonware. Class of 2013
"My life in China is always a great topic of conversation, and employers love hearing about it. Being exposed to a completely different culture showed me how much there is that I have yet to learn about the huge world around me."

Andrew Paugh  
Software Engineer, Microsoft. Class of 2014

"两所学府，两样风情，双重学位，双倍成功！"  
"Two universities, two different educational experiences, two degrees, double the success."

Wei Lu  
PhD, UBC; Senior Software Engineer, LinkedIn. Class of 2010

“选择中加班是我人生中的一个重大决定，我非常开心做出了这个选择。”  
"Being part of the Dual Degree Program has been one of the most life-changing decisions I have ever made and I am delighted I’ve made this choice."

Fan Gao  
MSc, Yale University. Class of 2016

“This experience has really broadened my worldview. I feel as though the knowledge I’ve acquired in China is applicable regardless of where I am in the world. I also feel as though China offers many possibilities that may not be available in Canada. This experience has also taught me to not take anything for granted.”

Monica Luna-Estrada  
2nd place winner, 2015 BC “Chinese Bridge” Mandarin Speech Contest
To learn more, please contact us at:

SFU–ZJU Dual Degree Program
School of Computing Science
Simon Fraser University
8888 University Drive
Burnaby BC
Canada V5A 1S6

Tel: 1.778.782.7112
Email: cschina@sfu.ca

SFU Computing Science
Dual Degree Program
www.sfu.ca/ddp