

THE **CITY** PROGRAM

Urban Design

CERTIFICATE PROGRAM



FALL 2004–SPRING 2005



Courses in Vancouver and Calgary

Simon Fraser University's Urban Design Certificate Program

focuses on the education and development of **mid-career professionals** and is designed to:

- enhance mid-career urban design skills
- create a synergy between the classroom and the workplace
- feature 2- and 3-day intensive courses taught by leading urban design practitioners
- emphasize the economic, social and environmental aspects of urban design

SIMON FRASER UNIVERSITY



The Urban Design Certificate Program

Urban design through SFU's City Program

Simon Fraser University's non-credit Urban Design Certificate is the first program in Canada to provide education and development in urban design to early and mid-career professionals from a variety of disciplines. The courses, delivered in Vancouver and Calgary, are custom-designed by the City Program and are taught by leading urban design professionals who encourage interdisciplinary discussion on current western Canadian urban design issues. The Urban Design Certificate began as a pilot program in 2000, conceived jointly by the City Program and Dave Witty, PhD, MRAIC, FCIP, now the Dean of Architecture at The University of Manitoba. Shortly after, Michael von Hausen, MLAUD, MCIP, BCSLA, President, MVH Urban Planning and Design Inc., the program's Curriculum Coordinator, joined the program team. Since then 26 urban design courses have been offered in Vancouver and Calgary.

Through a combination of practical and theoretical courses, the urban design curriculum explores the themes of place, process and plans through lectures, site visits, and case study analysis in a variety of settings. Participants acquire knowledge applicable on the ground in small, mid-sized and large communities. Take-home assignments further develop skills outside the classroom by bringing

together the different elements of urban design and encouraging analysis of sites in the participants' own communities.

How is the Certificate Program structured?

The Urban Design Certificate requires successful completion of 8 intensive courses—4 core and 4 electives—for a total of 18 days' classroom instruction.

Participants complete **4 core** courses:

- UD: Theory and Practice
- UD: Visual Communication
- UD: Studio I (Analytic Tools)
- UD: Studio II (Synthesis of Urban Form)

Participants choose **4 electives** from this list based on interest and profession:

- UD: Alternative Development Approaches
- UD: Designing Integrated Neighbourhoods
- UD: Ecological Planning*
- UD: Economic Fundamentals*
- UD: Implementation Methods
- UD: Planning for Transportation and Accessibility
- UD: Public Realm
- UD: Urban Revitalization

Additional electives will be developed as interest warrants.

***Strongly recommended**

Options for the cohort model

The Urban Design Certificate Program uses a cohort model in which participants

work through the program with a group of peers. Sharing experiences, ideas, and knowledge within a multidisciplinary context greatly benefits cohorts.

To complete the certificate, participants have the option of selecting the accelerated cohort or the flexible cohort. Accelerated cohorts complete courses in a particular sequence and should complete program requirements within two years. Accelerated cohorts benefit from significantly lower tuition fees and other potential cost savings. Flexible cohorts are given greater flexibility in completing courses and should complete all program requirements within three years. Flexible cohorts pay regular tuition fees. See page 8 for details on options for completing the Certificate.

How is the Certificate Program delivered?

Each course in the Certificate is two days long (Friday, Saturday) except for the Studio courses, which are each three days (Thursday, Friday, Saturday). Classes are from 9 am–5:30 pm. The Certificate can be completed within 14 months (3 semesters) depending on your choice of electives. See page 12 for course schedule.

Location

Courses are offered in Vancouver and Calgary with the exception of the two studio courses, which are held in key sites in Vancouver. Six of the eight courses can be completed in Calgary or Vancouver.

Recommended course of study

The Urban Design Certificate Program requires completion of 4 core courses and 4 elective courses. When selecting electives, it is **strongly recommended** that participants complete two electives in particular, UD: Economic Fundamentals and UD: Ecological Planning. These courses, while not mandatory, are highly recommended as they best complement your study of urban design.

1. Complete these **4 core** courses:

UD: Theory and Practice

UD: Visual Communication

UD: Studio I (Analytic Tools)

UD: Studio II (Synthesis of Urban Form)

2. Complete these **2 strongly recommended** electives:

UD: Economic Fundamentals

UD: Ecological Planning

3. Complete **2 electives** from this list:

UD: Alternative Development Approaches

UD: Designing Integrated Neighborhoods

UD: Implementation Methods

UD: Planning for Transportation and Accessibility

UD: Public Realm

UD: Urban Revitalization

See page 12 for course schedule.

How will this Certificate Program benefit your professional development?

Benefits

The Urban Design Certificate Program enhances mid-career professional development. It offers the opportunity to:

- ♦ learn cutting-edge knowledge and skills in urban design that you can bring back and apply to work projects in your community,
- ♦ develop an awareness of urban design from an interdisciplinary perspective, incorporating environmental, economic, and social aspects,
- ♦ create a network of diverse mid-career professionals—participants and instructors—dedicated to improving the public realm (see pages 8–9),
- ♦ explore old issues in new ways,
- ♦ enhance your visual and written communication skills, and
- ♦ encourage life long learning for participants and instructors and formal recognition for continuing education.

“The Urban Design Certificate program is the closest equivalent in Canada to an Executive MBA for planners. The instructors cut to the chase and deliver immediately applicable skills and knowledge that directly benefit both students and their employers.”

—**Harry Harker**, BSc, MSc, MCIP, Community and Planning Services Director, Red Deer County, Alberta, and Past President, Planning Institute of British Columbia

What our participants say

“For someone who has spent most of his career in policy planning, the opportunity to engage with active designers and tackle hands-on physical design problems, particularly through studios and assignments, helped fill a gap in my skill set and reconnect me with what brought me to planning in the first place: physical planning and design aimed at creating more livable communities.”

—**Mark Hornell**, MA, MCIP, Director of Regional Planning Services, Capital Regional District, Victoria, BC (Urban Design Certificate Graduate)

“The value of the Urban Design Program is that the principles learned are transferable and applicable to development in rural areas as well as in urban situations.”

—**Gerard LeBlanc**, MCIP, General Manager, Community Planning Services Regional District of Comox-Strathcona

“Hand-picked instructors working in the field deliver practical applications of the theories of quality urban design. These courses stimulated my creativity and encouraged out-of-the-box thinking in an environment that promotes lively interaction among the students and the instructors. A great program!”

—**Debra Bodner**, BA, Heritage Consultant, City of Nanaimo



“For civil engineers in the public realm technical excellence is expected. Of equal importance is a thorough understanding of social and ecological issues of urban design. This design series provides necessary background in an interactive learning medium. The communication skills enhancement alone makes this fabulous course vital to engineers who believe in a presence at the decision making table.”

—**David Grigg**, BSc (Hons), APEGBC, Associate Director, The University of British Columbia Campus and Community Planning

“The City Program increased my understanding of city planning and urban design in such a way that I can now make better decisions about shaping my community’s future.”

—**Douglas B. McLean**, BComm, MA, City Councillor, City of White Rock

Continuing Education Credits for Professional Associations

There is growing interest in mandatory continuing education within the design professions and the Simon Fraser University City Program is pleased to support professional development with our partners.

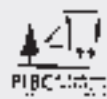


The City Program was the first registered

provider for the Architectural Institute of British Columbia. Members earn 14 Learning Units for two-day urban design courses and 21 Learning Units for three-day studios. www.aibc.bc.ca



The City Program is an accredited provider of continuing education programs for the BC Society of Landscape Architects. www.bcsla.org



The City Program offers PIBC approved Continuing Professional Development courses and programs.

Members earn 14 Learning Units for two-day urban design courses and 21 Learning Units for three-day studios. www.pibc.bc.ca



The Alberta Association of Architects

The City Program offers AAA accredited courses and programs. www.aaa.ab.ca

Continuing education credits may be granted to members of other professional associations, where appropriate.

The Urban Design Certificate Program is endorsed by:



Urban Development Institute of Alberta



UDI-Calgary



UDI Alberta

Participants: Diverse mid-career professionals

Who are the participants?

Participants are professionals, with an average age of 37, who are involved in the design and management of the urban environment, including planners, planning analysts, architects, landscape architects, real estate developers, building technicians, engineers, preservationists, local government administrators, elected officials, lawyers, non-governmental organization staff, community organizers and citizens.

Participants in our Urban Design courses come from diverse backgrounds. They come from all over British Columbia, Alberta, and other parts of Canada, from small and mid-size communities as well as large urban centres.

Professional Background (%)

Planning	60
Architecture/Landscape Architecture	13
Real Estate Development	10
Engineering	7
Others (<i>activists, lawyers, students</i>)	10

Location (%)

Lower Mainland of BC	60
Outside Lower Mainland of BC	40

What size communities are they coming from? (%)

Small/Village	10
Mid-Size	10
Large Urban	80

Public Sector/Private Sector (%)

Public	62
Private	38

Previous Education (%)

Graduate Degree	60
Undergraduate Degree	35
Other	5

Participating organizations

Participants have represented the following organizations:

Adin Research & Planning
 Beaverbrook Developments
 Boulevard Transportation Group Ltd.
 Brent Harley & Associates–The Resort Planning Group
 Canada Lands Company CLC Ltd.
 Capital Regional District
 Carma Developers Ltd.
 City of Abbotsford
 City of Burnaby
 City of Calgary
 City of Coquitlam
 City of Cranbrook
 City of Grand Prairie
 City of Kamloops
 City of Lethbridge
 City of Nanaimo
 City of New Westminster
 City of North Vancouver
 City of Port Coquitlam
 City of Port Moody
 City of Quesnel
 City of Saskatoon
 City of Vancouver
 City of Victoria
 City of White Rock
 City of Winnipeg
 Commonwealth Historic Resource Management Limited
 David Rodgers Architect Ltd.
 David Watkin Architect
 District of Salmon Arm
 District of Campbell River
 District of North Vancouver
 District of Sechelt
 District of Sooke

District of Squamish
 District of Tofino
 District of Ucluelet
 Ellins Architect Inc.
 Fred Adab Architects Inc.
 Fraser Basin Council
 Government of Nunavut
 Greater Vancouver Regional District
 Hancock Bruckner Eng & Wright Architects
 Hopewell Residential Communities Islands Trust
 KC Mooney Architect
 Kristi Beunder Professional Planning Services
 Municipal Counsellors Inc.
 Ollerenshaw Enterprises Ltd.
 Parklane Ventures
 Planit Planning & Design Services
 Polygon Homes Ltd.
 Randy Knill Architect Ltd.
 Raymond Ching Architect
 Red Deer County
 Regional District of Comox-Strathcona
 Regional District of Nanaimo
 Resort Municipality of Whistler
 Sunshine Coast Regional District
 Senga Landscape Architecture Inc.
 Simon Fraser University Community Trust
 Site Lines Architecture Inc.
 Stone Creek Properties Inc.
 The Focus Corporation Ltd.
 Town of Banff
 Town of Comox
 Town of Gibsons
 Town of Ladysmith
 The University of British Columbia–Campus Planning and Development Department
 Urban Systems Ltd.
 VIA Architecture Inc.
 Village of Cumberland

Certificate

Upon completing the program, participants will receive a certificate suitable for framing.



SFU Alumni Status

To become official Simon Fraser University alumni, graduates of the Urban Design Certificate Program should visit our website at www.sfu.ca/city for details.



Instructors: Leading urban design practitioners

Previous urban design course instructors and guest speakers include:

Phil Aldrich, BA, Principal, Aldrich Pears Associates

Larry Beasley, MA, MCIP, Co-Director of Planning, City of Vancouver

Lance Berelowitz, AA Dipl, MCIP, Principal, Urban Forum Associates

Nancy Chiavario, former Park Commissioner and Councillor, City of Vancouver, and Director, Mount Pleasant Community Centre Association

Doug Clough, PEng, PE, President of Omega & Associates Eng. Ltd.

Patrick Condon, MLA, ASLA, James Taylor Professor in Landscape and Livable Environments, University of British Columbia

Christina DeMarco, MSc, MCIP, Senior Planner, Greater Vancouver Regional District

Joyce Drohan, BArch, MAIBC, OAA, Associate, Stantec Architecture

Richard Drdul, PEng, Transportation Engineer, Urban Systems Ltd., Richmond

Frank Ducote, BArch, MCP, Senior Urban Designer, City Plans Division, City of Vancouver

Marta Farevaag, MA, MCIP, Principal, Phillips Farevaag Smallerberg

Patricia French, BArch, Senior Planner, City of Vancouver

Jan Gehl, Dr Litt, Head, Urban Design Department, School of Architecture, Royal Danish Academy of Fine Arts

Michael Geller, BArch, MAIBC, MCIP, President and CEO, SFU Community Trust, Simon Fraser University

Leslie Gilbert, MA, MCIP, Assistant Director of Planning, City of New Westminster

Ed Grifone, MA, MCIP, Senior Consultant and Partner, Urban Systems Ltd., Kelowna

Mark Holland, BLA, MSc, MCIP, Principal, Holland Barrs Planning Group

John Hopkins, MPI, MCIP, Planner, City of New Westminster

Blake Hudema, MA, MCIP, President, Hudema Consulting Group Ltd.

Brock Johnston, BA, JD, Lawyer, Clark Wilson

Alastair Kerr, MA, Senior Heritage Planner, Heritage Branch, Ministry of Community, Aboriginal and Women's Services

Dan Leeming, DipCP, BA, MES, MCIP, RPP, Partner, The Planning Partnership, Toronto

Erik Lees, BLA, BCSLA, Principal, Lees and Associates Consulting Ltd.

Linda Maley, Market Development Consultant, Atlantis Wastewater Management Systems

Graham McGarva, BA, MA, MAIBC, MRAIC, AIA, Principal, VIA Architecture Inc.

Michael Naylor, BLA, MUP, Senior Planner, City of Vancouver

Tony O'Regan, DipA (Hons), MEDes (Arch), senior designer and exhibiting artist

Doug Paterson, BSc, MLA, ASLA, FCSLA, Associate Professor and Director, Landscape Architecture Program, Faculty of Agricultural Sciences, The University of British Columbia

Christopher Phillips, CEGEP, Dip in Civil Eng., BLA (Honours), BCSLA, FCSLA, ASLA, Principal, Phillips Farevaag Smallerberg

Gordon Price, former Councillor, City of Vancouver, and writer on urban issues

Mary Pynenburg, MPI, MRAIC, MCIP, Director of Planning, City of New Westminster

Tamim Raad, MA, MCIP, Transportation Planner, Translink

David Reid, BLA, BCSLA, Principal, LANARC Consultants Ltd.

Brian Riera, MA, MCIP, Program Instructor, Applied Urban and Rural Planning Program, Langara College

Paul Rollo, MBA, President, G.P. Rollo & Associates Ltd., Land Economists

Paul Rosenau, BLArch, MA, Principal, Ekistics Town Planning Inc.

Randall Sharp, BLA, BCSLA, ASLA, Principal, Sharp and Diamond Planning and Landscape Architecture

Ian Smith, BA, Senior Planner, City of Vancouver

Patricia St. Michel, MArch, Development Planner, Community Planning Division, City of Vancouver

Martin Thomas, CEO, Working Together Enterprises

Michael von Hausen, MLAUD, MCIP, BCSLA, Principal, MVH Urban Planning and Design, Inc.,

Dave Witty, PhD, FCIP, MRAIC, Dean, Faculty of Architecture, University of Manitoba

Urban Design Certificate Program Advisory Committee

Joyce Drohan, BArch, MAIBC, OAA, Associate, Stantec Architecture (representing the Architectural Institute of British Columbia)

Michael Geller, BArch, MAIBC, MCIP, President and CEO, SFU Community Trust, Simon Fraser University

Penny Gurstein, BA, MArch, PhD, MCIP, Associate Professor, School of Community and Regional Planning, University of British Columbia (representing the Planning Institute of British Columbia)

Alan Hartley, BArch, DipCS, MAIBC, MRAIC, Principal, Stantec Architecture (representing the Urban Development Institute)

Judy Oberlander, MS, Director, The City Program, Continuing Studies, Simon Fraser University

Tim Pringle, BA, Executive Director, The Real Estate Foundation of British Columbia

Randall Sharp, BLA, BCSLA, ASLA, Principal, Sharp and Diamond Planning and Landscape Architecture (representing the British Columbia Society of Landscape Architects)

Michael von Hausen, MLAUD, MCIP, BCSLA, President, MVH Urban Planning and Design, Inc.; and Curriculum Coordinator, Urban Design Certificate Program

City Program Steering Committee

Dr. Nick Blomley, Department of Geography

Dr. Len Evenden, Department of Geography

Dr. Marilyn Gates, Department of Sociology and Anthropology

Dr. Warren Gill, Department of Geography

Dr. J.M. Munro, Department of Economics

Ms. Judy Oberlander, The City Program, Continuing Studies

Dr. Paddy Smith, Department of Political Science

Instructors and instructional methods

Simon Fraser University's City Program engages outstanding urban design practitioners who bring their expertise and real-world experience to the Urban Design Certificate Program. This enables participants to hear different viewpoints and to learn from leading practitioners.

Our instructional philosophy includes the following elements:

- ♦ an energetic and highly interactive coach-participant approach,

- ♦ an emphasis on hands-on applied skills, and
- ♦ interdisciplinary learning that bridges professions and topics.

Instructional methods include pre-course readings, lectures, site visits, case study analysis, small group discussions, participant presentations and post-course assignments. These methods let you:

- ♦ focus on urban design issues and activities in your community,

- ♦ integrate your workplace and community experience,
- ♦ sharpen your critical thinking skills, and
- ♦ create a network of professional contacts.

Case studies vary each year in order to address emerging urban design issues. Instructors, guest speakers, and participants are encouraged to share experiences from their work in large and small communities.

Using the city as the classroom: the studio courses

Following the core courses UD: Theory and Practice, UD: Visual Communication, and some electives, participants apply skills in two three-day Urban Design studios. The studios are interactive coaching sessions designed to integrate the classroom discussions with a day of fieldwork using two former industrial sites in Greater Vancouver.

Both sites are in transition and they offer an ideal opportunity to consider a range of key urban design issues including the environmental conditions, economic options, transportation and access, the social context of the neighbourhood as well as current and future zoning regulations. During the studio courses participants have the opportunity to consider the sites from a number of perspectives—environmental, planning and regulatory, economic, social, as well as community engagement.

UD: Studio I, Analytic Tools

Studio I focuses on the Gas Works site in New Westminster. As a former industrial site in the Brow of the Hill neighbourhood, this location offers the opportunity to examine the environmental, economic, legal, social and historical aspects of this 19th century complex. Through a series of discussions and a detailed analysis of the site and its immediate neighbourhood, participants work in small groups to create a vision for its urban design. On the final day this analysis and vision will be presented to representatives of the key stakeholders—the property owner, the Province of British Columbia, the local government, the City of New Westminister, and the Brow of the Hill Residents' Association.

UD: Studio II, Synthesis of Urban Form

The second studio builds on the first studio course and uses a former industrial property in the False Creek Flats area of Vancouver. This 18 acre site along Great Northern Way will become a unique centre for teaching/research, living and entrepreneurship for four academic institutions: Simon Fraser University; The University of British Columbia; British Columbia Institute of Technology and the Emily Carr Institute of Art + Design. As the site of the former Finning company, it presents the challenge of creating an economically viable collaborative campus which will embrace new technology, showcase



sustainability, and foster multidisciplinary collaboration. Working in teams, participants will have the opportunity to create their own vision for the site and thereby bring together their experiences from the previous Urban Design courses.

In essence, Studio II is the culmination of the Urban Design Certificate Program and it offers an opportunity to integrate the classroom discussions, site analyses and a final presentation to stakeholders who are working on the future of this unique site.



Course descriptions

Core Courses: complete all 4

UD: Theory and Practice

Urban design has become an increasingly important discourse in the daily life of communities. This course provides an introduction, overall context and framework for the Certificate Program. It also provides a grounding in key theoretical environmental, economic, social, and historical developments and concepts that inform current urban design practice. (Fall 2004, Calgary and Vancouver; Fall 2005, Vancouver)

UD: Visual Communication

This is a hands-on workshop to help participants develop drawing and visual communication skills essential in urban design. Participants examine graphics for different audiences in the various parts of the urban design process and associated approvals. The focus is on the basics of line and form drawing, colour and perspective techniques, as well as graphic tools that efficiently increase communications skills. Computers will be referred to as one visual communication tool. This is not a computer visualization course. (Fall 2004, Calgary and Vancouver; Fall 2005, Calgary and Vancouver)

UD: Studio I, Analytic Tools

The first studio focuses on the inventory and analysis involved in comprehensive urban design with key concepts of site reading skills, site signatures, and place-making. This includes an analysis of the ecological, cultural and social contexts, transportation, land use, building form and massing, economics, infrastructure, heritage conservation and open space. Participants will work in teams to produce a series of maps and narratives. Prerequisites: UD: Theory and Practice, UD: Visual Communication, and at least one elective, or prior approval of the City Program. (Spring 2005, Spring 2006)

UD: Studio II, Synthesis of Urban Form

Studio II builds on the inventory and analysis skills developed in Studio I, moving to actual design and implementation. The synthesis phase focuses on developing urban design in a comprehensive physical form including all elements of urban design set sensitively in its urban context. Implementation tools include organization, phasing and funding strategies. Prerequisites: UD: Theory and Practice, UD: Visual Communication, UD: Studio I, and at least two electives or prior approval of the City Program. (Spring 2005 & 2006)

Electives: complete any 4

UD: Alternative Development Approaches

This course introduces the principles of alternative development approaches, including a detailed examination of the opportunities and challenges in their application. Case studies, barriers, and current break-through strategies are examined. Participants explore the development of customized development standards, and their application to various sites as an important part of the urban designer's tool kit. (Fall 2006)

UD: Designing Integrated Neighbourhoods

This course focuses on two trends—retrofitting existing suburbs and the design of new neighbourhoods on greenfield sites. The course includes case studies to illustrate the key elements and principles of integrated neighbourhoods. Practical design methods are explored in a classroom studio assignment. (Fall 2004, Calgary; Spring 2006, Vancouver)

UD: Economic Fundamentals*

This course introduces the relationships between economics and urban form. Three economic perspectives are examined: private sector, public sector, and public/private partnerships. From market analysis to detailed cost considerations, participants examine case studies and discover how economics is a major form-maker in urban design. (Fall 2004, 2005, 2006)

UD: Ecological Planning*

This course examines how to integrate ecological planning into the urban design process using three themes—components, process, and stewardship. Central to these themes are ecological design for sustainability and green/brown field case studies. Progressive concepts like 'net environmental gain' and 'eco-economics' are examined through case studies. (Spring 2006)

UD: Implementation Methods

This course looks at how urban design projects get built and why they frequently fall short. It discusses three main components that form the framework for implementation: plans, organization and funding. The major barriers and solutions to making a project happen in highly political and complex decision-making environments are also addressed. (Spring 2005)

UD: Public Realm

This course addresses the design and stewardship of the public realm. Creating successful urban spaces depends on the integration of architecture, economic and social realities, technical, legal and planning issues. The street, public, semi-private and private open space will be examined as key form-makers in urban design. (Spring 2005, Vancouver; Fall 2005, Calgary)

UD: Planning for Transportation and Accessibility

Transportation planning and engineering often determine the "design" of an urban environment. This course addresses the technical considerations of moving people and goods in an urban setting and how this can be integrated into the design of an urban community. (Fall 2006)

UD: Urban Revitalization

Market trends, strategic planning, economic viability, and urban design considerations are the focus of this course. Case studies from small and large western Canadian communities illustrate the current challenges facing urban revitalization projects. (Fall 2004 in Vancouver, Fall 2005 in Calgary)

*When choosing electives we **strongly recommend** that participants take UD: Ecological Planning and UD: Economic Fundamentals since they complement the core courses.

Options for completing the Certificate Program

There are three ways to participate in the Urban Design Certificate Program:

1. Accelerated Cohort
2. Flexible Cohort
3. Individual Courses

1. Accelerated cohort

To complete the 2004 accelerated cohort, participants take 4 core courses and any 4 electives as follows:

Semester 1: Fall 2004
(September–December 2004)

- ♦ UD: Theory and Practice
- ♦ UD: Visual Communication
- ♦ at least one elective

Semester 2: Spring 2005
(January–June 2005)

- ♦ UD: Studio I (Analytic Tools)
- ♦ UD: Studio II (Synthesis of Urban Form)
- ♦ at least one elective

Any remaining electives (for a total of 4) can be taken in subsequent semesters.

The accelerated cohort allows a group of participants to work through the Urban Design Certificate together. The opportunity to exchange ideas, knowledge, and experience with peers and colleagues in a multidisciplinary setting greatly benefits those in the

accelerated cohort. In addition, there are considerable cost savings.

Savings for accelerated cohorts in Vancouver and Calgary courses

Accelerated cohorts receive a tuition discount on regular tuition fees, as follows:

- ♦ Regular tuition 2-day course in Vancouver: \$525
Accelerated cohort tuition: \$460
- ♦ Regular tuition 3-day course in Vancouver: \$695
Accelerated cohort tuition: \$575
- ♦ Regular tuition 2-day course in Calgary: \$695
Accelerated cohort tuition: \$595

On average, accelerated cohorts **save 14%** on regular tuition. City of Calgary employees should contact the City Program for special rates.

In addition to the above discount on tuition, accelerated cohorts who pay for the entire program in one lump-sum payment by September 24, 2004, receive an **additional 10% discount** on accelerated tuition fees. See course fees on page 9 for details. Accelerated cohort participants should complete the certificate in two years.

2. Flexible cohort

Participants who require more flexibility in completing the Urban Design Certificate may register for the flexible cohort. In the flexible cohort, participants complete 4 core courses and any 4 electives as the courses suit their schedules. Studios have prerequisites. Flexible cohorts take courses at the regular tuition rate and are not eligible for tuition discounts. Flexible cohort participants should complete the certificate in three years. See page 9 for application deadlines for 2004 and 2005 accelerated and flexible cohorts.

3. Individual courses

Participants who do not wish to complete the Urban Design Certificate but are interested in registering for individual courses may do so on a space-available basis. No application form or application fee is required. Studio courses have prerequisites.

Participants who have taken individual urban design courses may formally apply to the Certificate Program and then retroactively apply courses toward the certificate, provided that all assignments were completed by the assignment deadline when the course was offered. See www.sfu.ca/city for details.

Certificate requirements and admission

Certificate requirements

The Certificate Program requires completion of 4 core courses and any 4 electives. Participants must actively participate in discussions and activities and complete a take-home assignment for each course.

Participants can complete the Certificate in one academic year, or in a longer time frame depending on their choice of electives and their work schedules. Accelerated cohort participants should complete the certificate in two years; flexible cohort participants in three years.

Assignments

Take-home assignments are marked on an honours/very good/good/pass/fail basis. On average, participants should spend 8–10 hours completing each take-home assignment. Participants are encouraged to incorporate examples and case studies from their own communities.

Assignments must be submitted by the end of each semester. See www.sfu.ca/city for details and assignment deadlines.

Admission

Admission to the Certificate Program is determined by an assessment of the candidate's academic qualifications, work experience and interest in the field.

Individuals should have an undergraduate degree or equivalent, and professional or volunteer experience in urban design.

Candidates who demonstrate substantial practical experience and who do not have degree level qualifications may be considered for admission. Candidates with degree level qualifications who lack practical experience but are interested in the field of urban design may also be considered for admission.

Those who wish to take individual courses only are welcome to register on a space-available basis. No application form or application fee is required.

Application deadlines and tuition plan

Application deadlines and fee

To be considered for admission to the 2004 or 2005 accelerated or flexible cohort, applicants submit an application form and a \$150 application fee.

Each year there is one application deadline for accelerated cohorts and two for flexible cohorts. Application deadlines:

- ♦ **2004 accelerated:** August 6, 2004
- ♦ **2004 flexible:** August 6, 2004
- ♦ **2005 accelerated:** August 8, 2005
- ♦ **2005 flexible:** January 14 and August 8, 2005

Course exemptions

Participants with graphics experience may apply for exemption from UD: Visual Communication. If an exemption is granted, participants must complete an additional elective (3 core courses and 5 electives). See www.sfu.ca/city for details on applying for an exemption. No other course is eligible for an exemption.

Retroactive credit for Urban Design courses

Participants who have previously completed City Program urban design courses may retroactively apply these courses towards completion of the Certificate. To do so, participants must complete an assignment for each course.

There is a \$75 marking fee for each assignment submitted. (This does not apply to participants who completed the required assignment at the time the course was offered.)

Some urban design courses have new names; see www.sfu.ca/city for details.

Tuition for Vancouver and Calgary

- ♦ Regular tuition 2-day course in Vancouver: \$525
Accelerated cohort tuition: \$460
- ♦ Regular tuition 3-day course in Vancouver: \$695
Accelerated cohort tuition: \$575
- ♦ Regular tuition 2-day course in Calgary: \$695
Accelerated cohort tuition: \$595

On average, accelerated cohorts **save 14%** on regular tuition.

Total certificate cost for Vancouver courses

Regular tuition for 8 courses in Vancouver is **\$4,540**, whereas the accelerated cohort tuition for 8 courses in Vancouver is **\$3,910**. For participants who have previously completed urban design courses, the total Certificate cost is adjusted accordingly.

Lump sum payment discount for accelerated cohorts in Vancouver

There is an **additional 10% discount** off the accelerated cohort tuition for accelerated cohorts who pay the certificate cost of \$3910 in one lump sum payment by September 24, 2004. This 10% discount is currently a savings of \$391 bringing the total accelerated cohort certificate cost to \$3,519. This amount is adjusted accordingly for retroactive credits.

Total Certificate cost for Calgary courses

The total Certificate cost depends on the number of courses completed in Calgary and is adjusted accordingly. See www.sfu.ca/city/urbandesignfees for details. The **10% lump sum discount** is available for courses in Calgary. Three-day studios are not held in Calgary. City of Calgary employees should contact the City Program for information on special tuition.

Courses are GST exempt and may be income tax deductible. The University will issue tax receipts. Readings are provided for individual courses. One required textbook must be purchased by certificate participants. Course fees are subject to change without notice.

Detailed tuition plan and possible discounts

This is a sample tuition plan for accelerated and flexible cohorts. For other combinations, see www.sfu.ca/city/urbandesignfees.

Flexible cohorts' regular tuition:

Six 2-day courses	525 each	3150
Two 3-day studios in Vancouver	695 each	1390
total certificate cost		4540

Accelerated cohorts' discounted tuition:

Six 2-day courses	460 each	2760
Two 3-day studios in Vancouver	575 each	1150
total certificate cost		3910

Lump sum discount (10%)

Total discounted certificate cost

	Example One: 8 courses taken in Vancouver		Example Two: 6 courses in Calgary 2 studios in Vancouver	
	525 each	3150	695 each	4170
	695 each	1390	695 each	1390
		4540		5560
	460 each	2760	595 each	3570
	575 each	1150	575 each	1150
		3910		4720
		(391)		(472)
		3519		4248
	<i>accelerated cohorts save 1021</i>		<i>accelerated cohorts save 1312</i>	

Application Form

Urban Design Certificate Program

The City Program, Simon Fraser University at Harbour Centre

Fax this form to 604.291.5098

I am applying for the following:

2004 accelerated cohort

Deadline: August 6, 2004

2004 flexible cohort

Deadline: August 6, 2004

2005 accelerated cohort

Deadline: August 8, 2005

2005 flexible cohort

Deadlines: January 14
and August 8, 2005

First Name

Initial

Last Name

Profession / Occupation / Title

Organization

Address work home

City

Province

Postal Code

Telephone (day)

(evening)

Fax

Email

Date of Application

I prefer to receive City Program information by: email mail

Please attach a current résumé and answer the following questions.

Employment Describe your job and company or community organization.

Experience Describe other urban design professional or volunteer experience.

Education Describe your academic background (degrees, diplomas, certificates)

Institution

Year

Degree/Certificate

Institution

Year

Degree/Certificate

Institution

Year

Degree/Certificate

Application forms are available at:

www.sfu.ca/city



Please select applicable professional accreditations/affiliations:

British Columbia

- AIBC
- BCSLA
- PIBC
- UDI

Alberta

- AAA
- AALA
- AACIP
- UDI

Saskatchewan

- SAA
- SALA
- APCPS
- UDI

Manitoba

- MAA
- MALA
- MPPI
- UDI

Ontario

- OAA
- OALA
- OPPI
- UDI

Other(s): _____

City Program or other professional development workshops completed

Title Date

Title Date

Educational Objectives How do you hope to benefit from this program? What areas of urban design interest you most?

How did you hear about this Urban Design Certificate Program?

Application Fee

An application fee of \$150 is required upon application. This amount includes a \$75 non-refundable application fee and a \$75 course materials fee. Unsuccessful applicants will be refunded their course materials fee. Payment of the application fee is made by:

- VISA Cheque or money order (payable to Simon Fraser University)
- MasterCard

Account number Expiry date

Cardholder's name (if different from registrant's) Signature

Return completed application form and fee to

City Program, Continuing Studies
Simon Fraser University at Harbour Centre
515 West Hastings Street
Vancouver, BC Canada V6B 5K3

Or by fax to 604.291.5098

For information visit www.sfu.ca/city
Tel 604.291.5254/5079
Fax 604.291.5098
Email city@sfu.ca

We respect your privacy. We do not share or make available our registration or mailing lists to other organizations. We maintain your name on our mailing list at your pleasure.

I DO NOT want my name included on the SFU mailing list.

Signature

Course schedule

Courses run two days (Friday, Saturday, 9 am–5:30 pm) except studios, which run three days (Thursday, Friday, Saturday, 9 am–5:30 pm).

Fall 2004

October

UD: Theory and Practice (C)
UD: Economic Fundamentals (E)
UD: Visual Communication (C)
UD: Designing Integrated Neighbourhoods (E)

November

UD: Urban Revitalization (E)

December

UD: Visual Communication (C)

Spring 2005

January

UD: Studio I, Analytic Tools (C)

March

UD: Implementation Methods (E)

April

UD: Public Realm (E)

June

UD: Studio II, Synthesis of Urban Form (C)

Fall 2005

UD: Visual Communication (C)
UD: Urban Revitalization (E)
UD: Public Realm (E)
UD: Theory and Practice (C)
UD: Economic Fundamentals (E)
UD: Visual Communication (C)

Spring 2006

UD: Studio I (C)
UD: Ecological Planning (E)
UD: Designing Integrated Neighbourhoods (E)
UD: Studio II (C)

VANCOUVER

Course location: Simon Fraser University at Harbour Centre, 515 W. Hastings St.

October 1–2, 2004
October 22–23, 2004
(see December)
November 19–20, 2004
December 3–4, 2004
January 27–29, 2005
March 4–5, 2005
May 6–7, 2005
June 2–4, 2005
(see December, below)
September 30–October 1, 2005
November 4–5, 2005
December 2–3, 2005
February 2–4, 2006
March 10–11, 2006
April 28–29, 2006
June 1–3, 2006

CALGARY

Course location: Fort Calgary, 750 9th Avenue SE.

October 18–19, 2004
October 20–21, 2004
October 22–23, 2004
October 17–18, 2005
October 19–20, 2005
October 21–22, 2005

Notes: (C) indicates a core course. (E) indicates an elective. Course schedule is subject to change; see www.sfu.ca/city for details.

Important Dates

Application Deadlines

2004 accelerated and flexible cohort: August 6
 2005 flexible cohort: January 14 and August 8
 2005 cohort: August 8

Annual free public lecture in Vancouver VIA Architecture Urban Design Public Lecture.

June 3, 2004 and June 2, 2005; 7–8:30 pm.
 Call 604.291.5100 to register. See www.sfu.ca/city for details.

The City Program

In addition to the Urban Design Certificate Program, the City Program offers one-day courses for mid-career professionals and free evening public lectures on a wide range of urban issues. Please visit www.sfu.ca/city for a current list of programs. To receive regular notices about the City Program's offerings, please send a note to city@sfu.ca

The City Program, an integral part of Continuing Studies at Simon Fraser University's Harbour Centre Campus, serves as a forum for the exploration of current urban issues for mid-career professionals and the general public in the fields of planning, real estate development, architecture, landscape architecture, urban design, land use economics, heritage conservation, and local government administration. Since its inception in 1992, more than 21,000 people from every community in the Lower Mainland and other regions of British Columbia have participated in our courses, workshops, and public lectures. The City Program is sponsored by the University's City Program Steering Committee.

City Program Staff

Judy Oberlander, MS, Director
Frank Pacella, BA, Program Assistant
Susan Tam, BA, Program Clerk
Michael von Hausen, MLAUD, MCIP, BCSLA, Curriculum Coordinator, Urban Design Certificate Program

Information

Telephone 604.291.5254/5079
Fax 604.291.5098
E-mail city@sfu.ca
Web www.sfu.ca/city

City Program, Continuing Studies
Simon Fraser University at Harbour Centre
515 West Hastings Street
Vancouver, BC V6B 5K3

Photo credits

Cover, clockwise from top left: Judy Oberlander, Lou Varela, Tourism Vancouver, Gary Noble. Page 6: Frank Pacella. Back cover: Frank Pacella.

Supporters of the City Program Endowment Fund

The City Program gratefully acknowledges the generous contributions of The Real Estate Foundation of British Columbia and The Lohn Foundation towards the City Program Endowment Fund, supporting the City Program's activities for years to come.

Special financial support for the Urban Design Certificate Program's curriculum development has been provided by The Real Estate Foundation of British Columbia.



THE LOHN FOUNDATION

VIA Architecture Urban Design Lecture Series includes an annual public lecture presented by Graham McGarva and Susan Baker. This generous donation supports a free public lecture on urban design in Vancouver each spring.



Generous donors have continued to support all our programs—the Urban Design Certificate Program, mid-career professional development courses, and our free public lectures. For details on tax-deductible donations, please contact us at city@sfu.ca.



Partnership with the City of Calgary

Since Fall 2003, the City Program has collaborated with the City of Calgary to offer urban design courses in Calgary, Alberta. Due to the positive response to the initial course offerings, the City Program regularly offers Calgary-based urban design courses. Three courses will be offered in October 2004 and October 2005. These courses are redesigned versions of the Vancouver-based courses, sensitive to the Calgary context. With the exception of the 2 studio courses—held in key sites in Vancouver—6 of the 8 courses can be completed in Calgary.



Details on the City Program are available at:
www.sfu.ca/city



“The Urban Design Certificate provides an important continuing education opportunity for practitioners to build upon their individual expertise and develop an additional highly relevant skill set.”

–Dave Witty, PhD,
MRAIC, FCIP, Dean,
School of Architecture,
University of Manitoba

What is urban design?

Urban design is the process by which cities, towns, and new communities are planned, designed, and built. This requires a thorough understanding of the interrelationships of an area’s ecological, physical, economic, and social contexts. Fundamentally, urban design is about understanding *place* and its transformation. Complex and interdisciplinary in nature, it draws on the expertise of architects, landscape architects, planners, engineers, economists, sociologists, real estate professionals, and lawyers among others, as well as the collective knowledge and experiences of community members. Urban design is a critical interface which brings various professions and people together to address complex issues and improve urban environments.

The City Program

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The Urban Design Certificate Program

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