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www.utm.utoronto.ca/mscsm

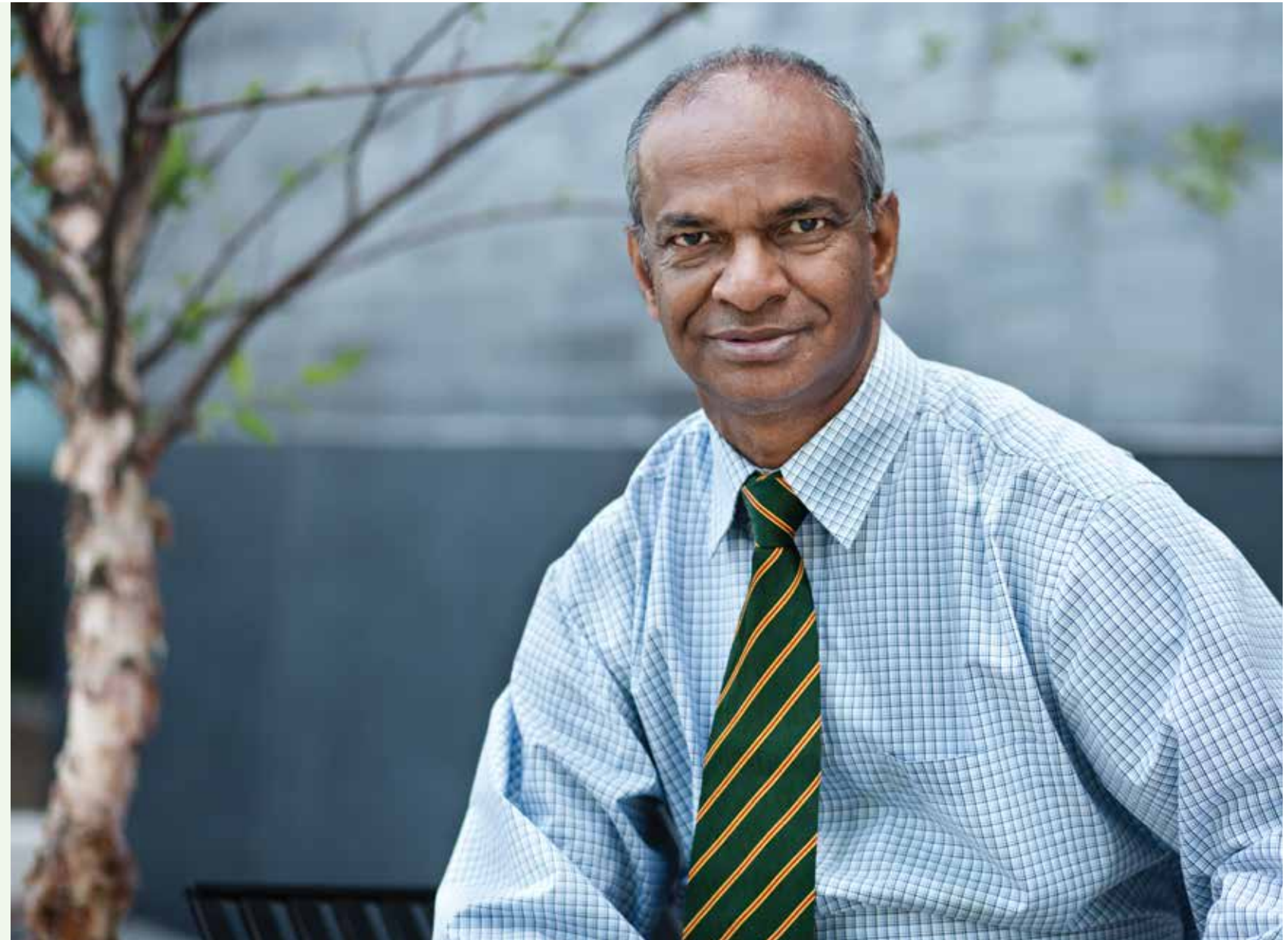
Design & Photography by Annie Sakkab.

DIRECTOR'S MESSAGE

An increasing number of businesses, non-profit, and government organizations are incorporating sustainability into their organizational functions and the key technological, organizational, and social innovations are being driven by the goal of a sustainable world. As a result, there is a growing need and market demand for sustainability managers. We have designed this unique master degree program for students who are aspiring for a leadership role in sustainability management – an area of immense global importance.

The program provides the knowledge, skills, and strategic perspective that many forward-thinking leaders have communicated to us as essential to their organizations' goals. Graduates of MScSM will be well situated to provide managerial leadership in the many fields that exist and are emerging in the area of sustainability. We expect our future graduates to be the key leaders guiding the world towards global sustainability – sustainable businesses, sustainable communities, and sustainable environments.

Professor and MScSM Director
Shashi Kant





OVERVIEW OF THE PROGRAM

The MScSM program provides the training for our graduates to act outside the traditional disciplinary black boxes; integrating knowledge from management, social, and natural sciences to address sustainability issues; and make leading contributions and lasting advances in sustainability management.

The program is unique among science and management graduate programs by providing a strong foundation in sustainability management while offering an opportunity to specialize in a management or science stream.

WHO SHOULD APPLY? Students graduating in any one of many disciplines: management, social science, natural science, engineering, or any management, environment or natural resource driven background.

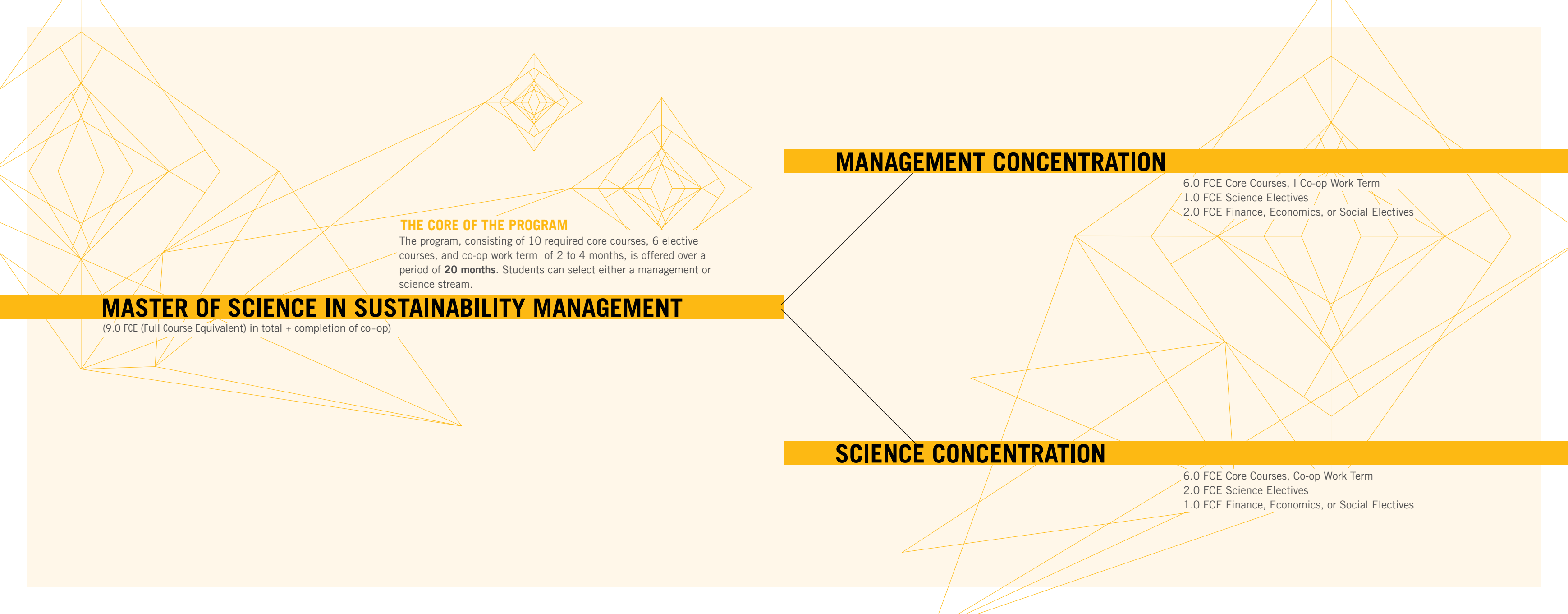
CURRENT CLASS PROFILE

- 30 students; 20 domestic and 10 international from 9 different countries;
- varied academic and experiential backgrounds, including science, engineering, management, environmental studies, and architecture
- GPA range is 3.0 to 4.0 (average 3.5)
- Age range is 21 to 35 years old (average is 26 years old)

CAREER OPPORTUNITIES FOR GRADUATES INCLUDE:

- Governance for sustainability policy development at various levels
- Public or business administration in divisions having sustainability functions
- Marketing and sale of sustainability products and practices
- R&D of sustainability management in corporations, research and funding agencies
- Certification of sustainability practices
- Industry and market analyst
- Policy analyst
- Non-profit sustainability organizations
- Consulting

The program is designed for students from diverse backgrounds such as management, social science, natural science, and engineering. The program was developed in consultation with leaders and future employers in business, non-profit, research, and government organizations. The MScSM degree is for individuals who want to pursue management careers in sustainability-related divisions and organizations.



MASTER OF SCIENCE IN SUSTAINABILITY MANAGEMENT

(9.0 FCE (Full Course Equivalent) in total + completion of co-op)

THE CORE OF THE PROGRAM

The program, consisting of 10 required core courses, 6 elective courses, and co-op work term of 2 to 4 months, is offered over a period of **20 months**. Students can select either a management or science stream.

MANAGEMENT CONCENTRATION

- 6.0 FCE Core Courses, 1 Co-op Work Term
- 1.0 FCE Science Electives
- 2.0 FCE Finance, Economics, or Social Electives

SCIENCE CONCENTRATION

- 6.0 FCE Core Courses, Co-op Work Term
- 2.0 FCE Science Electives
- 1.0 FCE Finance, Economics, or Social Electives

CORE COURSES

The required core courses are:

SSM1010Y	Principles of Sustainability Management
SSM1020H	Decision Making for Sustainability Management
SSM1030H	Environmental Science
SSM1040H	Managerial Economics for Sustainability Management
SSM1050H	Ecosystem Science
SSM1060H	Managing Sustainable Organizations
SSM1070H	Sustainability Law and Policy
SSM1080H	Strategies for Sustainability Management
SSM1090H	Capstone Course - The Sustainable Enterprise, and Research Paper
SSM1100Y	Research Paper
SSM1110H	Sustainability Management Internship (2-4 month Co-op)

Every course in the program will require students to think critically, engage in creative activities and communicate their ideas effectively. The curriculum provides a strong foundation in management principles, sustainable business strategies, managerial economics and accounting, organizational behavior, environmental and ecosystem science, and environmental and business law and policy. The program provides knowledge, skills, and strategic perspectives required for leaders and senior managers responsible for managing the sustainability process.

The uniqueness of the program is its very high emphasis on developing skills in integration of knowledge from management science, social science, natural science and engineering. This is done through research seminars/workshops, internships, and research/management projects. Students will be required to demonstrate the application of their knowledge of different aspects of sustainability and integration of knowledge from different disciplines to address sustainability issues during three required components of the program – a co-op work term, a capstone course, and a research paper. Students are given the option to take their electives from a wide array of courses, across many disciplines at all three campuses of the University of Toronto.

FINANCIAL ASSISTANCE

The program offers admission scholarships for outstanding students. MScSM students are eligible to apply as Teaching Assistants for various undergraduate courses. MScSM students are also eligible for OGS Scholarships, and OSAP and Scotia Bank Professional (Loan) Plan for students (funding is not guaranteed). Please also refer to the UofT School of Graduate Studies (SGS) website for further possible funding information: <http://www.sgs.utoronto.ca/postdoctoralfellows/Pages/Getting-Funding.aspx>

TEAM BUILDING

To enhance and encourage the group spirit, experience, thought process, and power, students must participate in a Sustainability Orientation program prior to the start of the school year. The orientation program focuses on strengthening and building team-spirit, teamwork and leadership skills. In addition, throughout the program, students work in groups applying team skills learned during the orientation program and knowledge and other skills gained through courses to understand, analyze, and manage global sustainability issues.

NETWORKING AND CAREER DEVELOPMENT

The MScSM program places a very high priority on networking and career development opportunities for its students. A number of networking events, as well as career and network building workshops, are organized throughout the year. In addition, a number of career workshops, called Career Days, specifically designed for MScSM students are organized. During Career Days, interactive sessions are led by professionals who have a deep understanding of the labour market of the sustainability sector as well as of the career development process. As a result of these efforts, MScSM students are better prepared for the marketplace.

For current and past events, please visit our website: <http://www.utm.utoronto.ca/mscsm>

In addition, the MScSM Program has strong partnerships with organizations from various industries and sectors, including Fortune 500 companies, non-profit organizations, government divisions, consulting firms, and more.



CAMPUS AT A GLANCE


LOCATION: Nature Trails. **FEATURES:** 2 km nature trail that runs along the upper bank of the Credit River. The Old Field site is a destination along all UTM nature trail tours, campus activities include seeding activities, and planting of native trees, shrubs and wildflowers enhancing the beauty and ecological integrity of the UTM campus.





U OF T MISSISSAUGA CAMPUS MAP


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|---|---|
| 01. Recreation, Athletics & Wellness Centre | 15. Leacock Lane Residence |
| 02. William G. Davis Building | 16. MaGrath Valley Residence |
| 03. Kaneff Centre, Blackwood Gallery & Innovation Complex | 17. Alumni House & Parking Office |
| 04. Student Centre | 18. Argos Practice Facility |
| 05. Communication, Culture & Technology Building | 19. Central Utilities Plant |
| 06. Hazel McCallion Academic Learning Centre & Library | 20. Forensic Anthropology Field School |
| 07. Erindale Hall | 21. Paleomagnetism Lab |
| 08. North Building | 22. Lislehurst |
| 09. Erindale Studio Theatre | 23. UTM Child Care Centre |
| 10. Schreiberwood Residence | 24. Terrence Donnelly Health Sciences Complex |
| 11. Roy Ivor Hall | 25. Instructional Centre |
| 12. Oscar Peterson Hall & Colman Commons Dining Hall | 26. Academic Annex |
| 13. McLuhan Court Residence | 27. Grounds Building |
| 14. Putnam Place Residence | |

 Mississauga Transit stop

 Shuttle stop

 Parking

 Metered parking

 Underground metered parking

 Metered parking restricted times

 Motorcycle Parking Only

 Construction site

Excellent support services are necessary for the success of great programs. University of Toronto, Mississauga is fully committed for exceptional support services to students of this program.



MScSM ELECTIVES

Students can select electives that allow them to focus on their individual areas of interest. These selections need to be approved in advance by the Program Director and the Chair of the host department. Examples of electives are:

SCIENCE ELECTIVES

JGE1420H	Urban Waste Mgmt
JPG1408H	Carbon Free Energy
EES1107H	Remediation Methods
JNC2503H	Environmental Pathways
EES1125H	Contaminated Site Remediation
ENV1002H	Environmental Policy
GGR1214H	Global Ecology and Biogeochemical Cycles

MANAGEMENT, ECONOMICS, AND SOCIAL ELECTIVES

SSM2010H	Marketing in Sustainability Management
SSM2020H	Sustainability Ethics
ENV1707H	Environmental Finance and Sustainable Investing
EES1124H	Environmental Project Management
ECO2908H	Environmental and Resource Economics
MGT2918H	Multidisciplinary Special Topics
RSM2216H	Special Topics in Accounting

LOCATION: UTM. **BUILDING:** Health Science Complex. **LEED:** Silver. **FEATURES:** Vegetated roofs. **MATERIAL:** Low-emitting, regional & recycled. **APPLICATIONS:** Reduces the "urban heat island" effect, improves indoor air quality. Collected rain water used for irrigation and toilet flushing.



APPLICATION REQUIREMENTS

The MScSM program accepts applications every year beginning October 15th and closing March 15th. We encourage students to apply early, as applications are reviewed on a rolling basis.

Applications are done online through the School of Graduate Studies at the University of Toronto: <https://apply.sgs.utoronto.ca>.

PLEASE BE PREPARED TO PROVIDE THE FOLLOWING:

1. The School of Graduate Studies charges an application fee at the time of application. Your application will not be forwarded to us until the application fee is paid and all documents have been submitted.
2. Completed application form.
3. Resume/CV
4. Two academic letters of reference.
5. Official transcripts from each post-secondary institution that you have attended and mailed directly from the institution.
6. TOEFL/MELAB/IELTS/COPE scores only if your undergraduate degree is not from a Canadian or English instruction university or college.
7. A letter of intent outlining: (i) your interest in sustainability issues (250 words); (ii) your interest in the MScSM program (250 words); and (iii) why you think the program is a good fit with your future career goals (250 words).
8. If accepted you will be required to pay a \$500 non-refundable deposit to secure your place in the program.

Please note that: (i) Applicants must have at least a “mid B”, U of T equivalent average, in the final year of a four-year undergraduate degree in order to be considered to the MScSM program. International students can check equivalence at <http://portal.sgs.utoronto.ca/current/admission/intdegequiv.asp>, and (ii) The MScSM Program Committee reviews only completed application. The committee may invite applicants for a Skype interview before making a final decision on an application.

Thank you for your interest in the MScSM program and we look forward to reviewing your application. Please visit the program website for other information. www.utm.utoronto.ca/mscsm

OTHER USEFUL WEBSITE:

University of Toronto Mississauga (UTM) www.utm.utoronto.ca
UTM Institute for Management & Innovation www.utm.utoronto.ca/imi/
UTM International Education Centre www1.utm.utoronto.ca/international
UTM Student Housing www.utm.utoronto.ca/housing
UTM Recreation and Wellness Centre www.utm.utoronto.ca/athletics/home

LOCATION: UTM. **BUILDING:** Instructional Centre Complex. **LEED:** Silver. **FEATURES:** Green roof. **MATERIAL:** Use of durable, local building materials with renewable or recycled content. **APPLICATIONS:** It was built over the site of an existing parking lot, no green space was eliminated to construct it. Orientation of the building is to maximize natural light.



PROGRAM COMMITTEE



SHASHI KANT

- B.E. (Hons), M.A.
- Ph. D. (University of Toronto)
- Director, MScSM Program
Professor, Forest Economics and Management



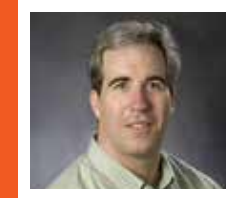
TENLEY CONWAY

- B.S., M.S.
- Ph.D. (Rutgers)
- Director, Undergraduate Environment Programs
- University of Toronto Mississauga



VAROUJ A. AIVAZIAN

- B.Sc., M.A.
- Ph.D. (Ohio State)
- Chair, Department of Economics
- University of Toronto Mississauga



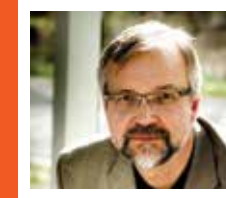
PIERRE DESROCHERS

- B.A., M.A.
- Ph.D. (University of Toronto)
- Associate Professor, Geography
- University of Toronto Mississauga



HUGH GUNZ

- B.Sc., D.Phil., Ph.D.
- Director, IMI
- University of Toronto Mississauga



MIHKEL M. TOMBAK

- B.A.Sc., M.A., M.B.A., Ph.D.
- Chair, Department of Management
- HATCH Chair in Technology, Management & Strategy
- University of Toronto Mississauga

LOCATION: UTM. **BUILDING:** Instructional Centre Complex. **LEED:** Silver. **FEATURES:** Use of Solar Energy. **MATERIAL:** Photovoltaic Cells integrated into the building façade. **APPLICATIONS:** UTM has adopted photovoltaic technology to take advantage of free energy from the sun. Photovoltaic technology is expected to become an important source of "green power" in Ontario's future power supply and UTM is proud to be an early adopter of this technology.