

# SUPPLY CHAIN MANAGEMENT – GLOBAL LOGISTICS (SCM)

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## About the Program

The need for highly skilled supply chain professionals has never been higher.

This eight-month graduate certificate program provides you with not only the foundational competencies necessary to become a supply chain professional, but also the technical and analytical skills to participate in supply chain strategy and design decisions.

In today's complex environment, supply chain experts play a key role in making decisions that reduce emissions and drive positive climate action. Your Seneca graduate certificate will set you apart because it will ensure that you have the knowledge to assess your firm's supply chain environmental impacts and drive positive actions to reduce carbon emissions and reduce the use of scarce non-renewable resources.

You will have the option to specialize in your second semester in one of the following two streams:

**Sustainability stream:** further solidify your technical knowledge and skills to lead sustainable business practices (<http://www.senecapolytechnic.ca/school/seneca-business/sustainability.html>) throughout the supply chain

**Technology stream:** gain a deeper knowledge of SAP; as a successful student from this stream, you may enroll in our optional TS410 and become an "SAP Certified Application Associate"

While you are here, be sure to join our Seneca APICS chapter, to join in our events, network with industry professionals, participate in case study competitions and tour local Supply Chain and Production facilities.

Part-time option is available > (<http://www.senecapolytechnic.ca/ce/business/international-trade-supply-chain/supply-chain-and-logistics.html>)

## Credential Awarded

Ontario College Graduate Certificate

## Duration

2 Semesters (8 Months)

## Starts

January, May, September

## Program and Course Delivery

This program is offered in Seneca's hybrid delivery format. Some coursework is online and some must be completed in person. Students will need to come on campus to complete in-person learning requirements.

## Skills

Throughout this program you will develop the following skills:

- operations planning and control
- procurement strategy and execution
- transportation
- customs
- distribution and warehouse management
- project management
- critical thinking
- leadership
- teamwork
- analysis

## Work Experience

### Optional Work Term

Students meeting all academic requirements may have the opportunity to complete an optional work term(s) in a formal work environment. The work term(s) is similar in length to an academic semester and typically involves full-time work hours that may be paid or unpaid. In programs with limited work term opportunities, additional academic requirements and a passing grade on a communication assessment may be required for eligibility. Eligibility for participation does not guarantee a work position will be secured. Additional fees are required for those participating in the optional work term stream regardless of success in securing a work position.

Review eligibility requirements for work-integrated learning (<https://www.senecapolytechnic.ca/employers/seneca-works/work-integrated-learning/eligibility.html>)

## Your Career

Graduates of the program can explore the following career options:

- Analyst
- Manager
- Specialist

In departments such as:

- Transportation
- Logistics
- Purchasing/procurement
- Warehousing
- International trade

## Industry Partnerships

- Seneca is an SAP University Alliance member school. You will use SAP to demonstrate your understanding of modules such as Sales and Distribution, the Production Process, Material Planning, Inventory and Warehouse Management Processes and the Procurement Process.
- This program has been approved for advanced standing towards obtaining the Certified Supply Chain Management Professional (CSCMP) designation.
- CIM | Chartered Managers Canada is the leading professional association in support of Canada's Chartered Managers through certification, accreditation and professional development.

- As part of the SAP University Alliance Program, students and faculty can join Americas' SAP Users' Group (ASUG) at no cost. ASUG membership provides access to the largest community of SAP professionals across North America. ASUG members have access to learning resources and opportunities to connect through local chapters, events and more.
- The Logistics Institute offers the Professional Logistician designation, an internationally recognized credential that certifies the competence of logistics and supply chain practitioners as global supply chain leaders. Students are eligible for advanced standing and a free Associate Membership with The Logistics Institute.

## Program of Study

Course Code	Course Name	Weekly Hours
<b>Semester 1</b>		
SCM820	Business Processes I	3
SCM830	Logistics and Supply Chain Management I	3
SCM840	Business Analysis	3
SCM860	Financial and Management Accounting	3
SCM870	Scheduling and Inventory Management	3
SCM880	International Purchasing and Supplier Management	3
SCM890	Sustainability and CSR	3
<b>Semester 2</b>		
SCM850	International Business Law	3
SCM920	Business Processes II	3-4
or SCM990	Supply Chain Sustainability	
SCM930	Transportation	3
SCM940	Logistics and Supply Chain Management II	3
SCM960	Project Management	3
SCM970	Customs Process	3
SCM985	Supply Chain Integrated Project	3
WTP100	Work Term Preparation *	1
<b>Work-Integrated Learning Term</b>		
SCM441	Supply Chain Management - Global Logistics, Work Term	30

\* Work-Integrated Learning option only

## Program Learning Outcomes

This Seneca program has been validated by the Credential Validation Service as an Ontario College Credential as required by the Ministry of Colleges and Universities.

As a graduate, you will be prepared to reliably demonstrate the ability to:

- Apply knowledge of the functional components within logistics to the interrelationships in the integrated supply chain.
- Employ a working knowledge of best practices in supply chain management.
- Apply the basics of purchasing and supplier management to current best practices.

- Apply knowledge of forecasting and inventory management theories and methodologies.
- Use logistics technology tools and resources, in order to comply with the requirements of logistics/supply chain management.
- Utilize information technology systems proficiently to support logistics management decisions.
- Evaluate and select warehousing and transportation options and recommend appropriate solutions for business requirements.
- Apply the basics of financial management including cost and managerial accounting.
- Participate effectively in the planning, implementation, and evaluation of projects.
- Conduct business in compliance with relevant national and international law, legislation, regulations, safety requirements, and professional standards.
- Conduct business in the international marketplace.
- Apply understanding of human resources management and organizational behaviour to establish and maintain effective teamwork relationships.
- Communicate effectively, orally and in writing, as required in a business culture.
- Apply problem-solving and critical-thinking skills as required in logistics/supply chain management.
- Present oneself professionally to, and within, the marketplace.
- Apply knowledge of the relationship of customer service to logistics/supply chain management.
- Apply the basics of sales and marketing functions and their interrelationship within the supply chain.
- Apply an understanding of business process design and management.

## Admission Requirements

- Ontario university/college degree, college diploma, advanced diploma or equivalent.
- Applicants with a combination of partial postsecondary and/or significant relevant work experience that is the equivalent of the above may be considered. A relevant resume and references must be provided.
- English proficiency (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/english-proficiency.html>) for graduate certificates

Canadian citizens or permanent residents educated outside of Canada must provide a World Education Services (WES) or ICAS Canada credential evaluation.

## International Student Information

International admissions requirements vary by program and in addition to English requirements (<https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/english-requirements.html>), programs may require credits in mathematics, biology, and chemistry at a level equivalent to Ontario's curriculum, or a postsecondary degree or diploma, equivalent to an Ontario university or college. Program-specific pre-requisite courses and credentials are listed with the admission requirements on each program page. To review the academic requirements please visit: Academic Requirements - Seneca, Toronto, Canada ([senecapolytechnic.ca](https://www.senecapolytechnic.ca/)) (<https://www.senecapolytechnic.ca/>)

international/apply/how-to-apply/admission-requirements/academic-requirements.html).

To learn more about your eligibility, visit the Academic Pathways (<https://www.senecapolytechnic.ca/pathways.html>) web page.

## Pathways

As a leader in academic pathways, we offer a range of options that will allow you to take your credential further in another Seneca program or a program at a partner institution.

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