

Major Program Modifications

Faculty: Faculty of Business and IT	October 2014
Program: Bachelor of Commerce – New Minor in Operations And Supply Chain Management	

INTRODUCTION

Originally, the BCom program had a specialization in supply chain and operations management. When the Faculty moved to majors, due to limited resources and low student interest, this specialization was not developed into a major. The area of operations management, analytics, and logistics has been increasing in popularity in the regional business environment. This renewal of the area of supply chain and operations management will enable additional opportunities for commerce students to continue to study aspects of operations and supply chain management. A minor in operations management is available to students in the BIT program but not currently available for commerce students. This minor meets the needs for logistics personnel in the Durham region where we have a number of companies with distribution centres such as Sobeys in Whitby. This minor will also support students in preparing to complete their MBA in the supply chain and logistics field offered at UOIT.

DEGREE REQUIREMENTS

Program learning outcomes

At the end of the minor in operations and supply chain management students will be able to:

1. Demonstrate the ability to manage a project using industry standard project management techniques found in the PIMBOK.
2. Apply theories from logistics, supply chain, and operations management to case studies to support improved efficiency and effectiveness of processes throughout the supply chain.
3. Explain how to leverage inventory control, logistics, supply chain management, and internal operations management to support a competitive advantage in the global economy
4. Present a plan for improving operations efficiency for an organization.
5. Apply various quantitative methods to analyze business operations and develop appropriate recommendations for improvement

Admission requirements

Similar to the application to major process for our existing majors and minors, students must apply for the minor in the Winter semester of their second year. To be eligible for the minor, students must have received at least a C in BUSI 2603U – Operations Management (a core second year BCom course).

Program structure

Add an operations and supply chain management minor for BCom program

Core Required Courses:

BUSI 2550U Project Management

BUSI 2603U Introduction to Operations Management

BUSI 3630U Logistics and Supply Chain Management

BUSI 4650U Global Operations and Supply Chain Management

Electives (2 Required):

BUSI 2610U Quality Improvement

BUSI 3450U Business Forecasting Techniques

BUSI 3601U Operations Analysis using Spreadsheets

BUSI 3670U Risk Management Frameworks

BUSI 4610U Business Simulation Modeling

All courses are existing courses offered in the Faculty of Business and Information Technology. We are simply providing students guidance and recognition for a package of courses that together meet the industry needs in the area of operations and supply chain management.

Program content

All courses are already taken by students. There are no new courses.

RESOURCE REQUIREMENTS

Faculty members, current

Faculty Name	M/F	Rank	Possible Courses
Goodman, Bill	M	Professor	<ul style="list-style-type: none"> • BUSI 1450U – Statistics • BUSI 2603U – Intro to Operations Management • BUSI 3670U – Risk Management Frameworks • BUSI 2610U – Quality Improvement • BUSI 3450U - Business Forecasting Techniques
Lu, Fletcher	M	Assistant Professor	<ul style="list-style-type: none"> • BUSI 3601U Operations Analysis using Spreadsheets
Marsh, Steve	M	Assistant Professor	<ul style="list-style-type: none"> • BUSI 4610U – Simulation Modeling
McGregor, Carolyn	F	Professor	<ul style="list-style-type: none"> • BUSI 2610U – Quality Improvement
Percival, Jennifer	F	Associate Professor	<ul style="list-style-type: none"> • BUSI 3601U Operations Analysis using Spreadsheets • BUSI 4610U Business Simulation Modeling • BUSI 2610U – Quality Improvement • BUSI 2603U – Operations Management
Sankaranarayanan, Karthik	M	Assistant Professor	<ul style="list-style-type: none"> • BUSI 2610U – Quality Improvement • BUSI 2603U – Intro to Operations Management • BUSI 3630U Logistics and Supply Chain Management • BUSI 4650U Global Operations and Supply Chain Management
Shi, Wei	F	Assistant Professor	<ul style="list-style-type: none"> • BUSI 2550U – Intro to Project Management

Surti, Chirag	M	Assistant Professor	<ul style="list-style-type: none"> • BUSI 2603U – Intro to Operations Management • BUSI 2610U – Quality Improvement • BUSI 3630U Logistics and Supply Chain Management • BUSI 4650U Global Operations and Supply Chain Management
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Additional academic and non-academic human resources

This new minor would follow the same process as all existing minors in the Faculty and be supported through our existing application to major and minor process and our academic advisors.

Physical resource requirements

No additional resource will be required.

BUSINESS PLAN

a. Statement of funding requirements

N/A as all courses are already offered on a regular basis as electives for BCom students and to support the existing minor in operations management for the BIT students.

b. Statements of resource availability

As the specialization already exists from the original BCom proposal, the resources in the library meet the needs of this minor.