

BACHELOR IN BUSINESS ADMINISTRATION – CO-OP PROGRAM

Option: Production and Operations Management (POM)

SKILLS ACQUIRED DURING THE PROGRAM

Program objectives with POM and Coop options:

- Develop the student's conceptual, analytical, and practical skills, and understanding of POM's role in companies within the industrial and service sectors.
- Familiarise the student with recent developments in POM.
- Provide a solid education based on the understanding of POM related problems and their interdependence with other major functions.
- Acquire and develop sound and effective practical management skills through summer employment.

Work term 1

2nd year completed:
(under supervision)

- Possesses a good understanding of the roles and objectives of companies' major functions within the industrial and service sectors.
- Able to assist managers in elaborating demand forecasts, and production capacity, plans, and schedules.
- Able to carry out the preliminary collection and analysis of data, and of performance measurements from the operational system, using generic and specialised software such as Excel, MSWord and Access.

Work term 2

3rd year completed:
(under supervision and/or
periodical assistance)

- Able to carry out an analysis, and develop operational systems related to stock lists, planning material needs and quality control, including the whole quality management, and ISO standards.
- Able to help managers in formulating decision help models and in resolving problems with specialised software (linear programming, simulation, and waiting lines), such as WinQsb, Minitab, Lindo, @Risk and Extend.

Work term 3

4th year completed:
(under supervision with
some autonomy)

- Able to analyse, write, and present reports pertaining to operational issues.
- Able to participate and carry out research, collect and analyse internal and external statistic data (ex: Internet), with the objective of preparing demand forecasts and collaborating in market research.
- Able to participate in research and/or in analysis with multi-disciplinary teams within the company.
- Able to manage certain elements of the operational system, including supply chain logistics and project management.

SPECIALIZED COURSES IN POM

ADGO 2431: Operations management	ADGO 3481: Applied Operations Research
ADGO 2432: Quantitative Methods	ADGO 4465: Planning and Forecasting Techniques
ADGO 3433: Quality Management	ADMK 3352: Marketing Research I
ADGO 3434: Purchasing and Inventory Management	ADGO 4417: Project Management
ADGO 3461: Statistics for Business	ADGO 4434: Supply Chain Logistics

Bureau de l'enseignement coopératif

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