

# Business Administration

Course Number:

Course Title:

Credits: 3

Calendar Description: Management science is a discipline that aids decision-making by applying a scientific approach to managerial problems. This course discusses quantitative methods and their extensive applications in business. Topics include linear programming, project scheduling, waiting line models, inventory management, simulation, Markov process, decision analysis, and forecasting. Use of computer software is an integral part of this course (*also offered by Distance Education*).

Semester and Year:

Prerequisite(s): STAT 124 or 121 and minimum third-year standing

Corequisite(s): No

Prerequisite to: BUAD 491

Final Exam: Yes

Roger Wheeler	x4226	C119	rwheeler@okanagan.bc.ca

Upon completion of this course students will be able to

- explain the scientific approach of how to apply systematic methodologies in solving managerial problems that guide decision making.
- identify and apply appropriate techniques for managing business problems and correctly interpret the results of analysis through critical thinking.
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Week of	Wednesday September 6, First day of class Friday September 15, Last day to register for Fall 2023 Monday Oct. 2 & Monday Oct. 9 & Monday Nov. 13, Statutory Holiday	
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The Okanagan School of Business promotes core skills across the curriculum. These skills include reading, written and oral communications, computers, small business, and academic standards of ethics, honesty and integrity.

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At Okanagan College (OC), disruption of instructional activities includes student “conduct which interferes with examinations, lectures, seminars, tutorials, group meetings, other relate