

# Business Administration

Course Number: **BUAD 315**

Course Title: **MANAGEMENT SCIENCE**

Credits: **3**

Calendar Description: Management science is a discipline that aids decision-making by

**Professors**

Steven Watson	250-762 5445 ext. 4856	C103	<a href="mailto:swatson@okanagan.bc.ca">swatson@okanagan.bc.ca</a>
Roger Wheeler	250-762-5445 ext. 4226	C119	<a href="mailto:rwheeler@okanagan.bc.ca">rwheeler@okanagan.bc.ca</a>

**Learning Outcomes**

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.
- recognize and explain specific problems including their components and assumptions and solve them using linear programming.
- use MS Excel to create quantitative models of management problems and insert appropriate statistical functions in Excel.
- solve typical problems using formulas and tables.

**Course Objectives**

This course will cover the following content: See weekly course schedule.

**Evaluation Procedure**

Assignments and Quizzes	20%
Mid-term Exam*	40%
Final Exam*	40%
Total	100%

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**Course Schedule**

Week	Date	
		Monday, Jan 11 - Classes Start Monday, Feb 15 – Family Day (no classes) Tuesday, Feb 16

