

# COURSE DETAIL

## MANAGEMENT SCIENCE

**Country**

Japan

**Host Institution**

International Christian University

**Program(s)**

International Christian University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Business Administration

**UCEAP Course Number**

130

**UCEAP Course Suffix****UCEAP Official Title**

MANAGEMENT SCIENCE

**UCEAP Transcript Title**

MANAGEMENT SCIENCE

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

This course introduces the theory, algorithms, and applications of optimization. The optimization methodologies include linear programming, network optimization, integer programming, and decision trees. Topics: applications to logistics, manufacturing, transportation, marketing, project management, finance, and techniques of quantitative analyses for business decisions. Includes a project in which students select and solve a problem in practice.

**Language(s) of Instruction**

English

**Host Institution Course Number**

BUS306E

**Host Institution Course Title**

MANAGEMENT SCIENCE

**Host Institution Campus**

International Christian Univeristy

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Business

[Print](#)