COURSE DETAIL

AGRICULTURAL AND FOOD MANAGEMENT SCIENCE
Country Korea, South
Host Institution Seoul National University
Program(s) Seoul National University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Agricultural Sciences
UCEAP Course Number 104
UCEAP Course Suffix
UCEAP Official Title AGRICULTURAL AND FOOD MANAGEMENT SCIENCE
UCEAP Transcript Title AG & FOOD MGMNT SCI
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course covers the application of management science methodology to various decision-making problems in the agricultural and food industry, models them mathematically, and derives optimal strategies. The course enables students to actually apply and discuss management science methodology to corporate cases related to the agricultural and food industry. Specifically, in this course, students acquire theoretical models for linear programming, network models, integer programming, nonlinear programming, multi-objective decision-making, decision-making under uncertainty, simulation, and queueing, and learn how to analyze them. In addition, it enables students to apply management science methodology to topics such as agricultural cultivation, food distribution and supply chain, and agricultural and food production planning, and derive and interpret results.

Language(s) of Instruction
Korean

Host Institution Course Number
M3321.000700 001

Host Institution Course Title
AGRICULTURAL AND FOOD MANAGEMENT SCIENCE

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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