COURSE DETAIL

FOOD CHEMISTRY AND NUTRITION
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biochemistry
UCEAP Course Number 102
UCEAP Course Suffix
UCEAP Official Title FOOD CHEMISTRY AND NUTRITION
UCEAP Transcript Title FOOD CHEM&NUTRITION
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course covers: nutritional, chemical, and physical-chemical properties of protein, fat, and carbohydrates in food as well as the role of water for the properties of foods; digestion of food contribution from different food components to the structure of foods at a microscopic and a macroscopic level; chemical and enzymatic reactions, for example lipid oxidation, the Maillard reaction and caramelization; basic chemistry of taste, flavor, and color; different types of food analysis; the correlation between food components and health.

Language(s) of Instruction
English

Host Institution Course Number
KLGN30

Host Institution Course Title
FOOD CHEMISTRY AND NUTRITION

Host Institution Course Details

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering- Food Technology

Course Last Reviewed

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