

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 Campus

Engineering

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

Engineering- Food Technology

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