

MASTER'S DEGREE STUDIES

Study program:	Chemistry of Food and Bioactive Compounds
Form of study:	Full-time (2 years)
ECTS credits:	120
Tuition fee:	65,000 CZK = approx. 2,550 EUR

Now, let's make a list of everything you are going to come in contact with during your studies in this Master's programme. Ergo: Chemical and technological disciplines, extension of your knowledge in food analysis and evaluation, pharmacology, nutrition economics, molecular genetics, food technology and legislation, chemistry of food additives and supplements, food chemistry, chemistry of natural heterocycles and the structure of molecules. Sounds great, doesn't it?

LIST OF COURSES

YEAR 1 | WINTER

Food Chemistry II

Food Analysis and Evaluation

Separation Methods

Laboratory Course of Separation Methods

Ranch Seminar I

Optional:

Methods of Organic Compounds Synthesis

Advanced Laboratory Technique

Pharmacochemistry

Principles of Food Preservation

Functional Food

Biomaterials I

Food Technology I

Food Microbiology

YEAR 1 | SUMMER

Molecular Biology

Semestral Project I

Supramolecular Chemistry

Branch Seminar II

Analysis of Bioactive Compounds in Food

English in Chemistry of Food and Bioactive Compounds

Theory and Methods of Structural Analysis

Field Trip

Optional:

Principles of Food Preservation

Functional Food

Chemistry of Nutraceuticals

Food Technology II

Experiment Evaluation II

Trends in Gastronomy I

LIST OF COURSES

YEAR 2 | WINTER

Legislation in Food Industry II

Interpretation of Chromatographic and Spectral Data

Semestral Project II

Application of NMR in Analysis of Food and Bioactive Compounds

Branch Seminar III

Optional:

Bioactive Heterocyclic Compounds

Structure and Symmetry of Molecules

Sensory Analysis of Food

Authentication and Falsification of Food

Academic Skills in English

Trends in Gastronomy II

Physical Characteristics of Food

Food Stabilisers and Emulsifiers

Business Activities II

YEAR 2 | SUMMER

Master Thesis

FOR MORE INFO

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