

Information Sheet for Incoming Students

Nutrition Science

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Erasmus Code	D MUENCHEN02

TUM offers opportunities for international EXCHANGE STUDENTS (maximum of three semesters within the scope of an exchange program, like Erasmus+, TUMexchange or within a bilateral university agreement) as well as for international DEGREE STUDENTS (pursuing a BSc or MSc degree).

Contact for Exchange Students

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Academic Counseling (B.sc.)

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Academic Counseling (M.sc. Food Chemistry)

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Our Study Courses in Nutrition Science

Life Sciences Nutrition (B.Sc.)

The bachelor's program in Life Sciences Nutrition addresses how biomedicine, food science, and public health interface with the influence of nutritional substances on the human metabolism. The central focus is inter alia on researching diseases such as diabetes or cancer. To this end, the program provides students with interdisciplinary knowledge of nutritional research, human medicine, food science, bioscience, and public health. The combination of disciplines, and of theory and practice, is unique in Germany. As a result, the program is able to give due consideration to the scientific and health policy challenges of our time.

Language of Instruction: German
Standard Duration of Studies: 6 semesters fulltime
Credits 180 ECTS

Food Chemistry (M.Sc.)

Molecular characterization of minor food ingredients as well as unravelling their formation pathways during storage and preparation of food using high-end analytical instrumentation are main topics of the study program Food Chemistry at the TUM. It requires deep chemical background knowledge.

Graduates of the study program Food Chemistry at TUM have acquired detailed knowledge about chemical reactivity, instrumental analysis, technological behavior and legal assessment of foods, feeds, cosmetics, tobacco products and food contact materials on a molecular basis.

The consecutive Bachelor/Master study program at TUM covers the requirements of the Bavarian regulation concerning the education of official Food Chemists (APOLmCh) in form and content.

Language of Instruction: German
Standard Duration of Studies: 4 semesters fulltime
Credits 120 ECTS

Nutrition and Biomedicine (M.Sc. in English)

Nutrition and Biomedicine focuses on the interfaces between human biology, nutritional science and medicine. It prepares graduates to meet high standards of professional excellence in academic research as well as in the global food and pharmaceutical industries. Graduates become involved in a wide variety of career fields ranging from basic research in biochemistry to applied experimental research and product development in the pharmaceutical industry. They are in demand as public health and food safety specialists and may be working in clinical research. Moreover, career opportunities are found in the food industry and its related sectors where our graduates find work in product development or quality management positions. Many highly successful Master graduates also follow an academic career involving teaching and research at universities or at public and private research institutes.

The curriculum is based on an interdisciplinary approach to current topics in modern nutrition and biomedicine. Its key features are the development, prevention and treatment of complex nutrition-related diseases such as obesity, type 2 diabetes, atherosclerosis, gastrointestinal diseases, and cancer. Students gain a profound understanding of chemical and microbial food components and their impact on the human organism. They acquire a broad spectrum of modern laboratory techniques as applied in experimental and clinical research in the nutrition and biomedical sciences.

Language of Instruction: English
Standard Duration of Studies: 4 semesters fulltime
Credits 120 ECTS