

**Curriculum Life Sciences Nutrition**

Semester	Module						Credits/ Exams
1.	CH0142 General and Inorganic Chemistry with Laboratory Course (required)  K 10 CP	LS40022 Basics in Human Nutrition (required)  K 5 CP	MA9601 Advanced Mathematics und Statistics (required)  K 5 CP	PH9034 Physics for Life Sciences (required)  K + LL 7 CP	Interdisciplinary Qualification (ÜFQ) *		30/ 6
2.	WZ0128 Introduction to Genetics und Cell Biology (required)  K 6 CP	WZ0022 Human and Animal Physiology (required)  K 6 CP	CIT5130005 Introduction to Stochastic Models and Statistics (required)  K 5 CP	WZ0013 Organic Chemistry (required)  K 3 CP	NAT0144 Physical Chemistry with Chemical Laboratory Course (required)  K 7 CP	Interdisciplinary Qualification (ÜFQ)*	30/ 6
3.	LS40000 Introduction to Microbiology (required)  K + LL (SL) 5 CP	LS40007 Special Physiology of Nutrition (required)  M 10 CP	LS40005 Food Chemistry (required)  (3 CP)	WZ0130 Introduction to Biochemistry and Metabolomics (required)  K (4 CP)	LS40019 Nutritional Physiology of Macro- and Micronutrients (required)  K 8 CP		30/ 5
4.	WZ3107 Biofunctionality of Food (required)  K 5 CP	LS40020 Experimental Nutritional Sciences (required)  M 9 CP			WZ3118 Nutritional Medicine and Clinical Studies (required)  K 5 CP		30/ 6
5.	LS40021 Integrative Nutrition Sciences (required)  (6 CP)	WZ3095 Biostatistics (required)  M 5 CP	<b>Elective area</b> At least 34 CP have to be selected of the following areas of specialization: 1.1 Molecular Nutritional Physiology 1.2 Food and Technology 1.3 Nutritional Medicine and Public Health 1.4 Free Electives Life Sciences Nutrition				30/ 6
6.		<b>Elective area</b> At least 34 CP have to be selected of the following areas of specialization: 1.1 Molecular Nutritional Physiology 1.2 Food and Technology 1.3 Nutritional Medicine and Public Health 1.4 Free Electives Life Sciences Nutrition			WZ3024 Bachelor's Thesis  W 12 CP		30/ 6
Key	Dark blue = required Bachelor's thesis module Light blue = elective modules Grey = required modules			PR = practical course; CP = credit points; K = written examination; M = oral examination; LL = laboratory achievement; B = report; P = project work; W = scientific paper; ÜFQ = interdisciplinary qualification *) From the subject catalogue "Interdisciplinary Qualifications", modules of 6 credits are to be completed.			