

Univerzitet u Sarajevu



University of Sarajevo



Study Programme:

Nutrition

Center for Interdisciplinary Studies

Study Programme: Nutrition

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Study Programme:

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1. GENERAL INFORMATION

1.1. The Name of the Programme

Nutrition

1.2. The Type of the Programme

Specialist academic programme

1.3. The level of the programme

The level of study programme is specialist programme.

1.4. Aim of the Programme

The aim of the study programme is to educate experts in the field of nutrition, due to the common appearance of illnesses connected with diet and rising awareness of the significance of diet. The students are required to have previously completed at least the second cycle studies, the integrated graduate studies or undergraduate studies in the pre-Bologna system (the degree is recognized as the second cycle degree following the designated recognition process), or the integrated graduate studies in biotechnical and natural sciences, medicine and social sciences (Food Technology, Medicine, Pharmacy, Health Studies, Biochemistry, Biology, Sports).

1.5. The Proponent of the Programme

The programme is implemented by the University of Sarajevo. The University of Sarajevo delegates the organization of the programme to the Center for Interdisciplinary Studies and also delegates the teaching to professors and assistants from several faculties of the University of Sarajevo.

1.6. Scientific/Artistic Areas the Study Programme Belongs to

The specialist study programme "Nutrition" is an interdisciplinary study programme which incorporates the scientific areas of biotechnical and natural sciences, medicine and social sciences and therefore, the professors responsible for the courses come from the faculties of the University of Sarajevo which correspond with these areas. Along with the responsible professors, there are other instructors involved in the teaching process and they come from the University of Sarajevo or appear as guest lecturers from universities in the region and broader.

1.7. Organization and Duration of the Programme

The specialist study programme is organized as a one-year (two semesters) programme, with the total amount of 60 ECTS credits.

The students have to finish the studies within two years. The student who fails to finish the studies in the allotted time period shall be treated in accordance with the guidelines prescribed by the Law.

The classes are organized as lectures, theoretical, laboratory and practical classes, seminar papers, seminars, office hours, for two semesters.

Some classes are also organized as workshops, each lasting for up to two days. They are obligatory, but without ECTS credits. The workshops are organized within one module and they are taught by at least two lecturers per workshop, in coordination with partners outside the higher education system. This represents a novelty at the University of Sarajevo and it increases interdisciplinarity, attractiveness and the relevance of the study programme.

1.8. Minimum Number of ECTS Credits Required to Complete the Programme

In accordance with the European Credit Transfer and Accumulation System, the programme is valued with 60 ECTS credits per year, or 30 ECTS credits per semester. The number of credits for each individual course is determined in accordance with the assigned workload (theoretical and/or practical classes, seminars etc.), the time students spend doing individual assignments (homework, projects, seminar papers etc.) and the time required for exam preparation (tests, final exam).

The specialist thesis is valued with 15 ECTS credits.

1.9. Language of Instruction

The language of instruction is Bosnian/Croatian/Serbian.

1.10. Selection Process for the Enrolment

The candidates get the student status by enrolling in the study programme implemented by the Center for Interdisciplinary Studies of the University of Sarajevo, following the public Call for Applications, issued by the University, in accordance with the Senate's decision.

The entrance exams are conducted in accordance with the Law, the Statutes, this set of Rules and the final results of the Call for Applications.

The notification about the Call for Applications is issued by the University of Sarajevo and published in at least three different newspapers in Bosnia and Herzegovina.

The Call for Applications is published on the websites and notice boards of the University of Sarajevo and the Center for Interdisciplinary Studies, after it has been approved by the Ministry.

The local and international candidates who can apply for the specialist study programme need to have:

- Second cycle degree
- Undergraduate degree in the pre-Bologna system (the degree is recognized as the second cycle degree following the designated recognition process)
- A degree in integrated undergraduate and graduate studies, lasting for five or six years;
- A degree in biotechnical and natural sciences, medicine and social sciences, specializing in: Food technology, Biochemistry, Biology, Medicine, Pharmacy, Health Studies, Sports, Tourism.

All applicants will be ranked according to the second cycle degree, undergraduate four-year degree in the pre-Bologna system and integrated undergraduate and graduate studies and the grade point average during the studies. The preliminary ranking of all accepted applicants will be published on the websites and notice boards of the University of Sarajevo and the Center for Interdisciplinary Studies, after the approval and at the latest two days after the last day of the entrance exam or two days after the application deadline.

The applicants can make a complaint within three days following the publication of the preliminary ranking. The governing body of the Center for Interdisciplinary Studies of the University of Sarajevo must make a decision based on the complaint within three days. The decision of the Centre's Council is final (Rules for the First and the Second Cycle, the Integrated Study Programmes, Professional and Specialist Study Programmes at the University of Sarajevo, Article 7). The Enrolment Committee will deliver the final report with the results and the ranking to the Study Programme's Council. The Council will then formally approve the ranking.

1.11. Qualification upon Completion of the Programme

After passing all the exams listed in the Curricula and defending the Specialist Thesis; after acquiring the full, required number of ECTS credits and after finishing the studies, the student gets the academic title of Specialist of Nutrition, with the abbreviation spec. nutr. after their first and last name.

1.12. The Analysis of Employment Possibilities after Graduation

The specialists of nutrition have gained competencies to work in:

- Administration units at the level of the state/entity, which create public policies in the fields of education, economy, customer protection, health, sports and culture,
- Advisory centres for food and diet,
- Associations for consumer protection, diet, health and sports,
- Food and pharmacy industries,
- Institutes and departments oriented to human health and diet,
- Collective-nutrition institutions: preschools, schools, student dormitories, army barracks, homes for the third age,
- Hotels and health resorts,
- Fitness and spa centres.

1.13. The Programme's Vertical Mobility

Pursuant to the Article 1, Section 6 of the Rules for the First and the Second Cycle, the Integrated Study Programmes, Professional and Specialist Study Programmes at the University of Sarajevo, the specialist study programme which enables the vertical mobility to the third cycle studies after the completion of the second cycle studies, integrated studies or undergraduate studies in the pre-Bologna system, lasts for one year and corresponds to 60 ECTS.

1.14. Grading scale

Each individual course syllabus contains the grading scale, in accordance with the goals and outcomes of the course.

1.15. Quality assurance

The study programme's quality and success will be assessed through internal and external observation and assessment by an official committee and the students.

2. PROGRAM DESCRIPTION

2.1. Learning Outcomes at the Study-Programme Level

The learning outcomes at the study-programme level are defined in accordance with the requirements of the professional associations as well as the labour market, the possibilities for continuous education, general social needs and standards of the qualification frame.

Upon completion of the specialist study programme, the students will be acquainted with the methods for assessment of the nutritive status, energetic and nutritive needs of the healthy population and the population with illnesses caused by irregular diet, determine the prevention and intervention, learn how to choose specific activities and be capable of doing jobs related to the food quality assessment and counselling aimed at dietary improvement, finally aiming to maintain health and prevent or treat illnesses.

2.2. The List of Obligatory and Elective Courses

The table 1 contains the list of courses with ECTS credits and number of hour.

Table 1: The Specialist Study Programme "Nutrition" – Curriculum

Year/Semester	Name of the Course	Number of ECTS	Total Number of Hours
1/I			
1	Food Physiology	5	30
2	Chemistry and Biochemistry of Food	6	30
3	Nutritive Aspects of Food	6	30
4	Nutrition through the Lifecycle	5	30
5	Elective Course 1	4	20
6	Elective Course 2	4	20
<i>Total</i>		<i>30</i>	<i>160</i>
1/II			
7	Epidemiological Principles in Food Safety	5	30
8	Nutrigenetics	4	30
9	Elective Course 3	4	20
10	Interdisciplinary Workshops (2 Workshops)	2	20

Total		15	100
	Final Specialist Thesis	15	
<i>Total</i>			
<i>Total Number of Contact Hours</i>		60	260
	Elective Courses		
1	Nutrition Psychology	4	20
2	Biotechnological and New Food	4	20
3	Scientific Research Methodologies	4	20
4	Traditional Nutrition Methods	4	20
5	Dietary Food	4	20
6	Nutrition for Preschool Children and School Children	4	20
7	Sports Nutrition	4	20
8	Obesity	4	20
9	Functional Food	4	20
10	Food Packaging	4	20
	Interdisciplinary Workshops		
1	Communication Skills	1	10
2	The Wine Culture Phenomenon and Nutrition Patterns	1	10
3	Food Policies in Urban Environment	1	10
4	The Influences of Marketing on Child and Teenage Diet	1	10

2.3. Information about the Programme's Structure and the Requirements for Enrolment in the Next Semester

Application of the European Credit Transfer System (ECTS) framework to the specialist study programme "Nutrition" starts from the deal, accepted in the entire European higher education area, that the full workload in one academic year accounts to 60 ECTS credits. The organized classes are valued with 45 ECTS credits and the final specialist thesis is valued with 15 ECTS credits.

The specialist study programme consists of seven obligatory courses (one obligatory course contains the interdisciplinary workshops, whereby the students choose two out of four), three elective courses and the defence of the final specialist thesis.

The first semester includes four obligatory and two elective courses valued with 30 ECTS. The second semester includes three obligatory courses (one obligatory course contains the interdisciplinary workshops), with 15 ECTS credits and the final specialist thesis, with 15 ECTS credits.

2.4. The List of Elective Courses Offered at Other Study Programmes and the Requirements for their Selection

A student can choose an obligatory or elective course (the Curriculum lists obligatory courses with 5 or 6 ECTS credits and 30 hours; the course Interdisciplinary Workshops with 2 ECTS credits and 10 hours and elective courses with 4 ECTS credits and 20 hours) from another study programme, if the course's learning goals and outcomes correspond to the learning goals and outcomes of this study programme. The student is required to write a request and address it to the Study Programme's Council, attaching the additional documents, or the syllabus of the course they wish to choose/attend.

2.5. Completion of the Programme

The student will complete the studies by passing all the exams and writing the final thesis. The student chooses their thesis supervisor based on their interest and the instructor's research area. The thesis topic must be closely connected with the area of nutrition. The possible topics for final theses are suggested by the professors. However, the student can suggest their own thesis title to the professor they wish to work with.

The thesis supervisor can also be an instructor who has not been teaching at the specialist study, but the thesis topic is related to the programme's field. The suggested professor needs to possess adequate skills and competencies in order to be a thesis supervisor. The choice of the thesis supervisor is approved by the Academic Council of the Center for Interdisciplinary Studies.

The students submit their thesis applications on the prescribed form. After the application's approval by the Council, the Council forms the Thesis Defence Committee. The members of the Committee must be professors ranging from the assistant professor to full professor. The Committee consists of the president and two members, or their substitutes. One of the members of the Committee is the thesis supervisor.

The student may change the topic of their thesis once, at the latest 30 days after the approval of their first topic.

The students defend their theses with the public presentation.

All the other issues pertaining to the organization of the classes and the study programme – the students' rights and obligations, application process and the enrolment – shall be regulated by the Law, the Statutes, the Rules for the First and the Second Cycle, the Integrated Study Programmes, Professional and Specialist Study Programmes at the University of Sarajevo.