



Faculty of ENVIRONMENTAL ENGINEERING AND FOOD SCIENCE

Domain: Food Engineering

Study program: Agricultural Products Processing Technology

Duration of studies: 4 years

Education form: continuous (B.Sc.)

Code: FMA-LPA



## Programme Syllabus

First year (2017 – 2018)

*Semester I*

Code	Discipline	No. of hours				Evaluation form
		Course	Seminary	Applications	Project	E/C/V
LPA 1 B F 01	<i>Linear Algebra and Mathematical Analysis</i>	2	2	-	-	E
LPA 1 B F 02	<i>Physics</i>	2	-	2	-	E
LPA 1 B F 03	<i>Inorganic and Analytical Chemistry</i>	3	-	3	-	E
LPA 1 B F 04	<i>Technical drawing and Infographics</i>	2	-	3	-	C
LPA 1 B F 05	<i>Applied Informatics</i>	2	-	3	-	E
LPA 1 B C 06	<i>Foreign language - English / French</i>	-	2	-	-	A/R
LPA 1 B C 07	<i>Physical Education and Sport</i>	-	1	-	-	A/R

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



### Semester 2

Code	Discipline	No. of hours				Evaluation form E/C/V
		Course	Seminary	Applications	Project	
LPA 1 B F 08	<i>Theory of Probabilities and Mathematics Statistics</i>	2	2	-	-	E
LPA 1 B F 09	<i>Organic Chemistry</i>	2	-	2	-	E
LPA 1 B F 10	<i>Physical and Colloidal Chemistry</i>	3	-	2	-	E
LPA 1 B D 11	<i>Elements of Electrical Engineering</i>	2	-	1	-	C
LPA 1 B D 12	<i>Mechanics and Strength of Materials</i>	2	2		-	E
LPA 1 B S 13	<i>Computer Assisted Design</i>	2	-	2	-	E
LPA 1 B C 14	<i>Foreign language - English / French</i>	-	2	-	-	A/R
LPA 1 B C 15	<i>Physical Education and Sport</i>	-	1	-	-	A/R

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



Second year (2017 – 2018)

*Semester I*

Code	Discipline	No. of hours				Evaluation form E/C/V
		Course	Seminary	Applications	Project	
LPA 2 B D 01	<i>Elements of Mechanical Engineering (Machinery Parts)</i>	2	1	-	2	E
LPA 2 B D 02	<i>General Microbiology</i>	3	-	3	-	E
LPA 2 B S 03	<i>Food Biochemistry I</i>	3	-	3	-	E
LPA 2 B S 04	<i>Transfer Phenomena</i>	2	2	-		E
LPA 2 B C 05	<i>Foreign language - English / French</i>	-	2	-	-	A/R
LPA 2 B C 06	<i>Physical Education and Sport</i>	-	1	-	-	A/R
LPA 2 O F 07	<i>Food Chemistry</i>	2	-	2	-	C

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



### Semester 2

Code	Discipline	No. of hours				Evaluation form E/C/V
		Course	Seminary	Applications	Project	
LPA 2 B D 10	<b>Food Microbiology</b>	3	-	3	-	E
LPA 2 B D 11	<b>Unit Operations in Food Industry I</b>	3	2	-	-	E
LPA 2 B D 12	<b>Human Nutrition and Wholesomeness of Food Products</b>	3	-	2	-	E
LPA 2 B S 13	<b>Food Biochemistry II</b>	2	-	3	-	E
LPA 2 B C 14	<b>Foreign language - English / French</b>	-	2	-	-	A/R
LPA 2 B C 15	<b>Physical Education and Sport</b>	-	1	-	-	A/R
LPA 2 B D 16	<b>Practice</b>	3 weeks x 40 hours = 120 hours				C
LPA 2 O D 17	<b>Principles and Methods of Food Preservation</b>	2	-	2	-	C

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



**Third year (2017 – 2018)**  
**Semester I**

Code	Discipline	No. of hours				Evaluation form E/C/V
		Course	Seminary	Applications	Project	
LPA 3 B D 01	<i>Unit Operations in Food Industry II</i>	3	2	-	2	E
LPA 3 B S 02	<i>Hygiene in Food Industry</i>	2	-	2	-	C
LPA 3 B S 03	<i>Technology of Milk and Dairy Products</i>	3	-	2	-	E
LPA 3 B S 04	<i>Technology of Vegetal Canned Products</i>	3	-	2	-	E
LPA 3 B S 05	<i>Technology for Obtaining Wine and Alcohol Production</i>	3	-	2	-	E
LPA 3 O S 07	<i>Design of New Products</i>	2	1	-	-	C

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



### Semester 2

Code	Discipline	No. of hours				Evaluation form
		Course	Seminary	Applications	Project	E/C/V
LPA 3 B D 09	<b><i>Control of Quality of Food Products</i></b>	3	-	2	-	E
LPA 3 B D 10	<b><i>Equipments in Food Industry</i></b>	3	-	-	2	E
LPA 3 B S 11	<b><i>Refrigerating and Air Conditioning in Food Industry</i></b>	2	-	-	2	E
LPA 3 B S 12	<b><i>Beer Technology</i></b>	3	-	2	-	E
LPA 3 B S 13	<b><i>Milling Technology</i></b>	3	-	2	-	E
LPA 3 B D 14	<b><i>Practice</i></b>	3 weeks x 40 hours = 120 hours				C
LPA 3 O S 16	<b><i>Special Techniques of Food Processing</i></b>	2	-	2	-	C

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



Fourth year (2017 – 2018)

*Semester I*

Code	Discipline	No. of hours				Evaluation form E/C/V
		Course	Seminary	Applications	Project	
LPA 4 B D 01	<i>Basis of Economy</i>	1	1	-	-	C
LPA 4 B S 02	<i>Technology of Meat and Meat Products</i>	3	-	2	-	E
LPA 4 B S 03	<i>Technology of Vegetable Oils and Derivates</i>	3	-	2	-	E
LPA 4 B S 04	<i>Technology of Bakery Products</i>	3	-	2	-	E
LPA 4 B S 05	<i>Technology of Sugar and Confectionery</i>	3	-	2	-	E
LPA 4 B S 06	<i>Technological Project</i>	-	-	-	3	P
LPA 4 O S 07	<i>Turning By-Products and Waste from Food Industry</i>	2	-	2	-	C

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>



### Semester 2

Code	Discipline	No. of hours				Evaluation form
		Course	Seminary	Applications	Project	E/C/V
LPA 4 B D 10	<b><i>Packages and Design in Food Industry</i></b>	2	2	-	-	E
LPA 4 B D 11	<b><i>Food Biotechnologies</i></b>	2	-	2	-	E
LPA 4 B D 12	<b><i>Entrepreneurship and Business Management</i></b>	1	1	-	-	C
LPA 4 B D 13	<b><i>Additives and Ingredients in Food Industry</i></b>	2	-	2	-	E
LPA 4 B S 14	<b><i>Modelling and Automatization of Technological Processes in Food Industry</i></b>	2	2	-	-	E
LPA 4 B D 15	<b><i>Practice for Elaboration of the Graduation Project</i></b>	4 weeks x 6 hours x 5 days = 120 hours				C
LPA 4 O S 17	<b><i>Technology of Pastry and Confectionery Products</i></b>	2	-	2	-	C

\* E - exam; C - colloquy; V - verification

Valahia University of Targoviste - Faculty of Environmental Engineering and Food Science

\*Address: CAMPUS of UVT, Str. Aleea Sinaia, nr. 13, Building A, Targoviste, 130004, jud. Dambovita, Romania \* Phone: +40 0769 076 854

web: <http://fimsa.valahia.ro>