



List of credits at the **Faculty of Chemical Engineering**

Specialty “Applied Mechanics”

<b>BACHELOR</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Theoretical Fundamentals of Heat Engineering	Autumn	3
Computer Design	Autumn	6

Specialty “Automation and computer-integrated technologies”

<b>BACHELOR</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Programming-1. Basics of programming	Autumn	5
Theory of automatic control - 2 discrete control systems	Spring	3
Optimization of technological processes and control systems - 1. Static optimization	Autumn	3,5

<b>MASTER</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Adaptive and robust systems - 1. Adaptive systems	Spring	5

Specialty “Chemical technology and engineering”

<b>MASTER</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Purification and Recuperation of Industrial Waste Resulting from Plant Raw Materials Processing	Autumn	3

Specialty “Ecology”

<b>MASTER</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Purification and Recuperation of Industrial Waste Resulting from Plant Raw Materials Processing	Autumn	3

<b>BACHELOR</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Ecology ( <i>this is a general course for all specialties, except Ecology students</i> )	Autumn	2

List of credits on the specialty “Industrial Machinery Engineering”

<b>BACHELOR</b>		
<b>NAME OF SUBJECTS</b>	<b>SEMESTER</b>	<b>CREDITS</b>
Theoretical Fundamentals of Heat Engineering	Autumn	3