

Processes and Machines for Processing Industries	Credit units
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Total	252
Total theoretical study	212
Courses	212
Compulsory courses	93
Philosophy	3
History	4
Foreign Language	8
Vital Activity Safety	4
Economics	3
Mathematics	13
Physics	10
Chemistry	4
Biology with Ecology Basics	2
Descriptive Geometry and Engineering Graphics	7
Hydraulics	4
Heat Engineering	4
Materials Science and Technology of Structural Materials	9
Metrology, Standardization and Certification	5
Automation	3
Information Technology	2
Culture Science	2
Theoretical Mechanics	4
Physical education	2
Optional courses	119
Compulsory subjects	74
Psychology	2
Production Economics and Organization	3
Reliability and Repair of Machines	5
Theory of Mechanisms and Machines	3
Technology of Crop Production	3
Technology of Livestock Breeding Mechanization	3
Strength of Materials	5
Tractors and Automobiles	8
Agricultural Machinery	8
Machine Parts and Design Basics	4
Operation of the Machine and Tractor Fleet	9
Tillage machines	2
Electrical Engineering and Electronics	3
Electronic Systems of Mobile Machines	3
Electric Drive and Electrical Equipment	3
Technological Properties of Mobile Energy Facilities	3
Computer Science	2
Science of Law	3
Engineering Ecology	2
Optional subjects	45
Physical education elective courses	9
Post-Harvest Grain Processing	2
Post-Harvest Processing of Crop Production	2
Introduction to the Main Field of Activity	2
History of Agroengineering Science Development	2
Technological Equipment for Meat Processing	2
Technological Equipment for Milk Processing	2
Licensing and Certification of Agricultural Machinery	3
Testing of Agricultural Machinery	3
Grain Elevators and Processing Plants	5
Processing Enterprises	5

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Mechanization of Harvesting and Storage of Fruit and Vegetables	3
Mechanization of Storage of Crop Products	3
Mechanization and Automation of Feed Preparation	5
Mechanization and Automation of Livestock Breeding	5
Alternative Fuels	3
Nanomaterials and Nanotechnologies of Processing Industries	3
Designing Machines for Primary Processing of Products	4
CAD of Machines for Primary Processing of Products	4
Automobile and Tractor Transportation	2
Chemmotology	2
Computer-Aided Design in Kompas	3
Computer- Aided Design in AutoCAD	3
Technical Operation of Agricultural Machinery	2
Methods of diagnostics of Agricultural Machinery	2
Practical training	29
Final evaluation	9
Additional courses	2