



# PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY NAMED AFTER ACADEMICIAN D.N. PRYANISHNIKOV

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PERM, RUSSIA



**PERM**



— administrative centre of Perm Krai, a city with a million-plus population located in Eastern Europe, a transportation hub on the Trans-Siberian Railway, an industrial, scientific and cultural centre of the Urals.

**Founded:** 1723

**Population:** 1 034 002 (2021)

**Area:** 803 км<sup>2</sup> (fourth largest city in Russia)

## PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY



— a major agricultural education and science centre in the Urals, which trains top specialists for agro-industrial complex

INTERNATIONAL SCIENTIFIC CONFERENCE

# II NIKITINSKIE READINGS

14-17 November 2023

Russia, Perm, Petropavlovskaya St., 23  
(Perm State Agro-Technological University)

**Registration  
(until 10 July 2023):**

<https://pgsha.ru/sys/confproblems/en>



**"Current issues of soil science, agro-chemistry and ecology in natural and anthropogenic landscapes"**

**Key topics of the conference:**

1. Genesis, classification and evolution of soils. Multidisciplinary aspects of soil science
2. Soil resources and land evaluation (fertility, degradation, conservation, monitoring). Postagrogenic soil transformation. Land management
3. Urban and anthropogenic soils, their ecological and geochemical system, formation, classification and evolution
4. Geoinformation systems in soil science, agrochemistry and ecology
5. Mathematical methods in soil science
6. Soil ecology
7. Philosophy, history and sociology of soil science, international cooperation

# PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY NAMED AFTER ACADEMICIAN D.N. PRYANISHNIKOV

**The Perm State Agro-Technological University** is one of the oldest educational institutions in Russia specifically for agricultural studies. Graduates of the University have a wide range of knowledge pertaining to agriculture and other scientific spheres.

We offer bachelor, master and doctoral degrees.

**224** professors

**5000** students from **13** countries



# PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY NAMED AFTER ACADEMICIAN D.N. PRYANISHNIKOV

## UNDERGRADUATE MAJORS Bachelor, 4 years

- TECHNOSPHERE SAFETY
- OPERATION OF TRANSPORT AND TECHNOLOGICAL MACHINES AND COMPLEXES
- AGRICULTURAL ENGINEERING
- LAND MANAGEMENT AND CADASTERS
- CIVIL ENGINEERING
- LANDSCAPE ARCHITECTURE
- LOGGING AND WOOD PROCESSING TECHNOLOGY
- FORESTRY
- APPLIED COMPUTER SCIENCE
- SOFTWARE ENGINEERING
- INFORMATION SYSTEMS AND TECHNOLOGIES
- ECONOMICS
- MANAGEMENT
- COMMODITY RESEARCH
- VETERINARY-SANITARY EXPERTISE
- ZOOTECHNY (ANIMAL HUSBANDRY)
- AGRONOMY
- HORTICULTURE
- VEGETABLE FOODSTUFF
- AGRICULTURAL PRODUCTS PRODUCTION AND PROCESSING TECHNOLOGY
- AGRICULTURAL CHEMISTRY AND AGRICULTURAL SOIL SCIENCE
- SOIL SCIENCE
- ECOLOGY AND NATURAL RESOURCES MANAGEMENT
- BIOLOGY
- CHEMICAL TECHNOLOGY
- BIOTECHNOLOGY
- PRODUCTION TECHNOLOGY AND PUBLIC CATERING MANAGEMENT





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## UNDERGRADUATE MAJORS Specialist, 5 years

- VETERINARY MEDICINE



## GRADUATE MAJORS Master, 2 years

- OPERATION OF TRANSPORT AND TECHNOLOGICAL MACHINES AND COMPLEXES
- AGRICULTURAL ENGINEERING
- LAND MANAGEMENT AND CADASTERS
- CIVIL ENGINEERING
- LANDSCAPE ARCHITECTURE
- FORESTRY
- APPLIED COMPUTER SCIENCE
- ECONOMICS
- MANAGEMENT
- COMMODITY RESEARCH
- VETERINARY-SANITARY EXPERTISE
- ZOOTECHNY (ANIMAL HUSBANDRY)
- AGRONOMY
- AGRICULTURAL CHEMISTRY AND AGRICULTURAL SOIL SCIENCE
- HORTICULTURE
- FOOD PRODUCTS OF ANIMAL ORIGIN
- BIOLOGY
- CHEMISTRY
- BIOTECHNOLOGY

# PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY NAMED AFTER ACADEMICIAN D.N. PRYANISHNIKOV

## POSTGRADUATE MAJORS PhD, 3-4 years

### CHEMISTRY SCIENCES

- ORGANIC CHEMISTRY

### BIOLOGY SCIENCES

- SOIL SCIENCE
- PARASITOLOGY

### AGRICULTURE

- GENERAL AGRICULTURE AND CROP PRODUCTION
- AGRICULTURAL CHEMISTRY, AGRICULTURAL SOIL SCIENCE, PLANT PROTECTION AND QUARANTINE
- SELECTION, SEED PRODUCTION AND PLANT BIOTECHNOLOGY
- HORTICULTURE, OLERICULTURE, WINEGROWING AND MEDICINAL CROPS

### TECHNOLOGIES, MECHANIZATION MEANS AND POWER EQUIPMENT IN AGRICULTURE, FORESTRY AND FISHERY

- TECHNOLOGY, MACHINERY AND AGRO-INDUSTRIAL COMPLEX EQUIPMENT

### VETERINARY AND ZOOTECHNY

- ANIMAL PATHOLOGY, MORPHOLOGY, PHYSIOLOGY, PHARMACOLOGY AND TOXICOLOGY
- SANITARY SCIENCE, HYGIENE, ECOLOGY, VETERINARY-SANITARY EXPERTISE AND BIOSAFETY
- SMALL ANIMAL SCIENCE, FEEDING, FOODSTUFF AND ANIMAL PRODUCTS PRODUCTION TECHNOLOGY

### ECONOMICS

- REGIONAL AND BRANCH ECONOMICS
- WORLD ECONOMICS

### MANAGEMENT

- MANAGEMENT



# PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY NAMED AFTER ACADEMICIAN D.N. PRYANISHNIKOV

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## RESEARCH LINES

- DEVELOPMENT AND PRODUCTION OF NEW MEDICATIONS AND FERTILIZERS
- BIOTECHNOLOGIES IN CROP PRODUCTION AND ANIMAL HUSBANDRY
- DEVELOPMENT AND IMPROVEMENT OF TECHNOLOGIES IN CROP PRODUCTION
- DEVELOPMENT OF TECHNOLOGIES IN ANIMAL HUSBANDRY AND VETERINARY MEDICINE
- DEVELOPMENT AND IMPROVEMENT OF THE MACHINERY AND EQUIPMENT IN AGRICULTURE



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## RESEARCH LINES

DEVELOPMENT AND PRODUCTION  
OF NEW MEDICATIONS AND  
FERTILIZERS

(MORE THAN 150 NEW  
COMPOUNDS WITH ANTI-FUNGAL  
AND MEDICINAL PROPERTIES;  
HIGHLY EFFECTIVE FERTILIZERS  
AND GROWTH REGULATORS)

IMPLEMENTATION EFFECT

ELIMINATION OF WASTE;  
HIGH EFFICIENCY AND  
ENVIRONMENTAL SAFETY





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## RESEARCH LINES

DEVELOPMENT OF  
TECHNOLOGIES IN ANIMAL  
HUSBANDRY AND VETERINARY  
(BIOLOGICALLY PROPER FEEDING  
RATION, PREVENTIVE CARE,  
DIAGNOSTICS AND TREATMENT  
OF DISEASES IN ANIMALS AND  
BIRDS)

IMPLEMENTATION EFFECT  
  
RISE IN PRODUCTIVITY AND  
QUALITY OF ANIMAL AND BIRD  
PRODUCTS; EARLY DETECTION OF  
DISEASES



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## RESEARCH LINES

DEVELOPMENT AND  
IMPROVEMENT OF  
TECHNOLOGIES IN  
CROP PRODUCTION

(SPRING AND AUTUMN SOWN  
CEREALS, POTATO, GIRASOL, RAPE  
PLANT, BROAD-LEAVED CLOVER  
AND EASTERN GALEGA  
CULTIVATION TECHNOLOGIES)

IMPLEMENTATION EFFECT

COMPETITIVE GROWTH DUE TO A  
20-50% RISE IN YIELDING ABILITY,  
A 10-15% RISE IN PRODUCE  
QUALITY AND A 15-20% COST  
REDUCTION; BOOSTING SOIL  
FERTILITY; DECREASE IN  
ENVIRONMENTAL IMPACT



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## RESEARCH LINES

### BIOTECHNOLOGIES IN CROP PRODUCTION AND ANIMAL HUSBANDRY

(EXPRESS METHODS OF  
DETECTING FERTILITY OF POLLEN  
AND OVULES OF LEGUMINOUS  
CROPS; INTRODUCTION TO A  
CULTURE IN VITRO AND  
MICROCLONAL PROPAGATION;  
ACCELERATED METHODS OF  
SALMONELLA SEPARATION FROM  
FOODS)

### IMPLEMENTATION EFFECT

ENHANCEMENT OF THE  
AGRICULTURAL CROPS PLANTING  
STOCK; ACCELERATION OF THE  
CAUSAL AGENT DIAGNOSTICS  
PROCESSES





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## RESEARCH LINES

DEVELOPMENT AND  
IMPROVEMENT OF THE  
MACHINERY AND EQUIPMENT IN  
AGRICULTURE

(TECHNOLOGIES, MACHINERY AND  
EQUIPMENT FOR PROCESSING  
HIGH MOISTURE GRAIN PILES;  
TECHNOLOGIES AND EQUIPMENT  
FOR HYDROLYSIS AND EXTRUDING  
OF WINTER RYE)

IMPLEMENTATION EFFECT

GENERATING THE «LIVE» GRAIN,  
INCREASE IN PRODUCE AND SEED  
QUALITY; ABILITY TO USE WINTER  
RYE FOR ANIMAL FEEDING



# PERM STATE AGRO-TECHNOLOGICAL UNIVERSITY NAMED AFTER ACADEMICIAN D.N. PRYANISHNIKOV

## CONTACT DETAILS

### International Relations Centre

23 Petropavlovskaya St., Perm, 614990, Russia  
pgsha.ru

#### WHATSAPP | PHONE

+79197088849 | +73422179543

#### EMAIL

irc.psaa@gmail.com  
oksanafotina@gmail.com

#### DIRECTOR

Oksana Vladimirovna Fotina

