

Program of Soil Science Faculty, M.V. Lomonosov Moscow State
University Msc “Natural Resources Management for Food Security”
MASTER DEGREE IN «Ecology & Nature Management»

2 year degree: 2025–2027

The novelty of the Program:

The program offers an integrated approach to solving problems in natural resource management for food security, considering environmental, socio economic aspects of development, and human well-being.

About the Program

The program enhances the understanding of natural resources and their management through research, development, and improving the environment for food security.

The program promotes interdisciplinary collaboration and encourages innovative approaches to address challenges related to natural resource management and food security.

It focuses on evaluating and analyzing various land use systems to determine sustainable management practices and land restoration for conserving natural resources and enhancing food security.

Each student will be paired with an adviser who provides research facilities



What You Will Learn

The "Natural Resources Management for Food Security" program at the Soil Science Faculty focuses on the fundamentals of agriculture, ecology, environmental protection, and management.

The program provides an in-depth understanding of:

Impact of global climate change and climate projects

Maintaining ecological functions and implementing ecosystem services

Best approaches and technologies in natural resource management (e.g., desertification, soil erosion, permafrost melting)

Strategies and support systems for planning and managing sustainable land use

Sustainable management methods

Managing natural resources for food security

Land restoration

Bioremediation technologies

Fundamentals of land use economics and management





Career Opportunities

Alumni can take leading roles in government regulatory agencies, research institutions, agribusinesses, chemical industries, and recreational and conservation organizations



Graduates occupy leading positions in:

Government

Education

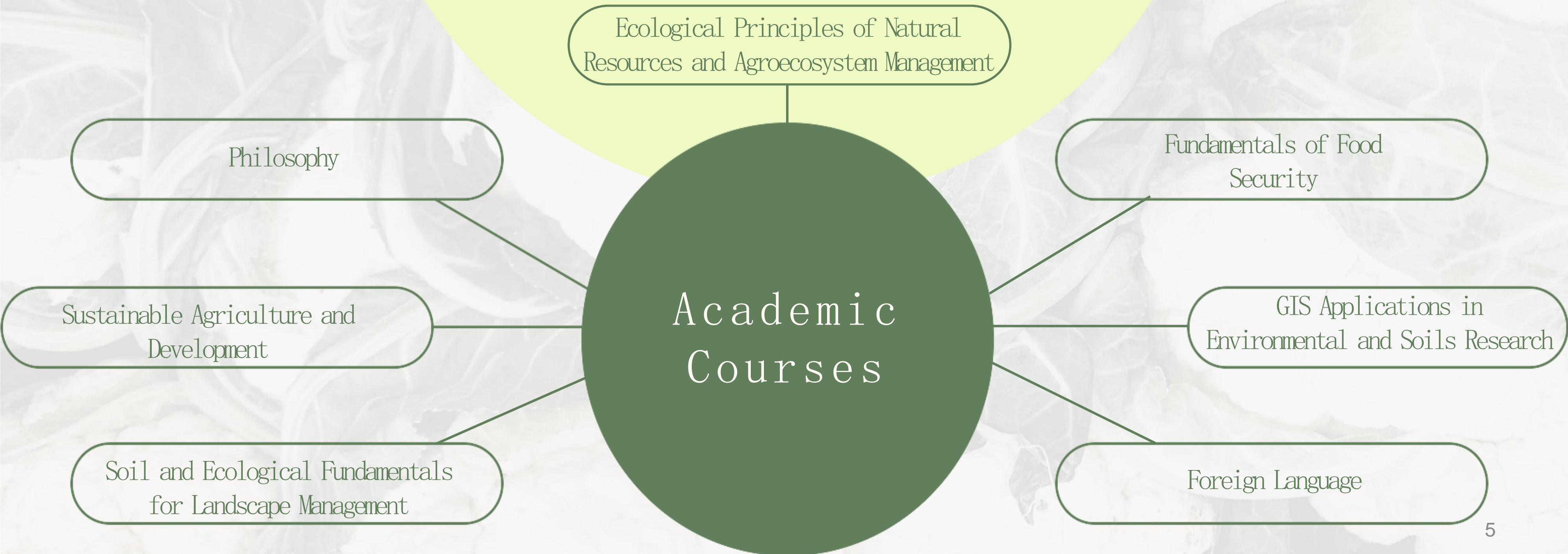
Research in agriculture, natural resources, and environmental science worldwide



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PROGRAM STRUCTURE

First Year of Study:



PROGRAM STRUCTURE

First Year of Study:

Electives

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graph TD; E((Electives)) --- ER["Environmental Rationing (Quality Standards, Guidelines, Pollution Control Criteria) for Food Security"]; E --- EC["Ecotoxicology"]; E --- EM["Environmental Management"]; E --- PA["Precision Agriculture"]; E --- MMLWR["Methods for Monitoring Land and Water Resources"];
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Environmental Rationing
(Quality Standards, Guidelines, Pollution
Control Criteria) for Food Security

Ecotoxicology

Environmental Management

Precision Agriculture

Methods for Monitoring Land and
Water Resources

PROGRAM STRUCTURE

First Year of Study:

Internships

Summer Practice Internship

PROGRAM STRUCTURE

Second Year of Study:

Academic
Courses

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graph TD; A((Academic Courses)) --- B(Fundamentals of Land Resource Management); A --- C(Land Remediation and Soil Fertility Restoration); A --- D(Climate Change and Desertification); A --- E(Water Resources Management); A --- F(Land Economics); A --- G(Food Safety and Quality); A --- H(Foreign Language); A --- I(Philosophy);
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Fundamentals of Land Resource
Management

Land Remediation and Soil
Fertility Restoration

Climate Change and
Desertification

Water Resources Management

Land Economics

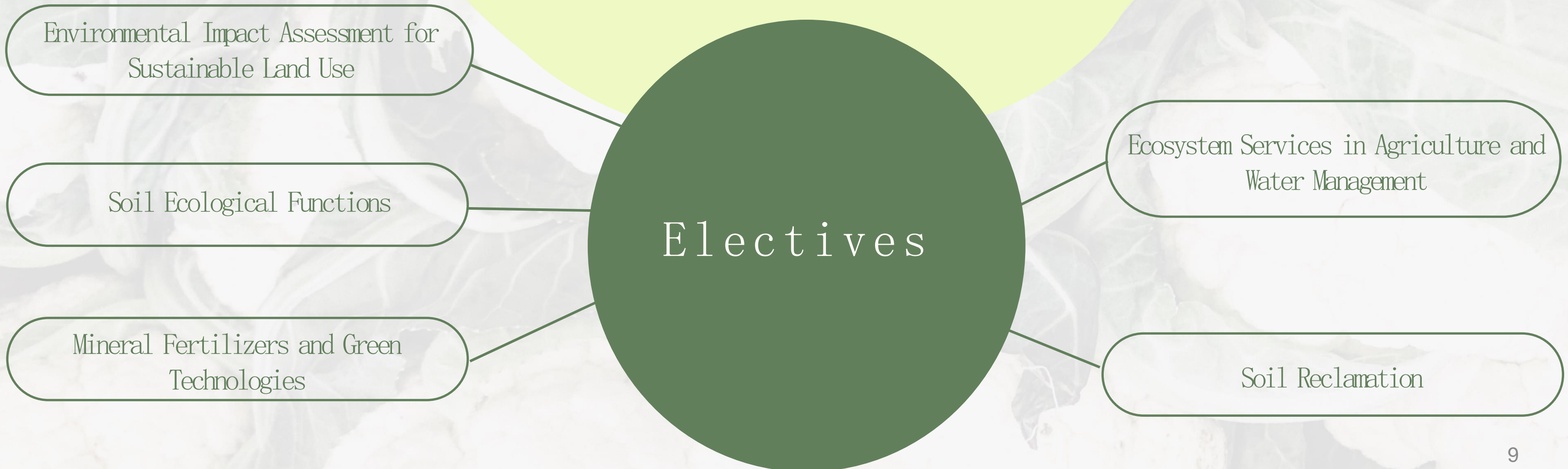
Food Safety and Quality

Foreign Language

Philosophy

PROGRAM STRUCTURE

Second Year of Study:



PROGRAM STRUCTURE

Second Year of Study:

Master's
Thesis

The defense of your project in
the field of decommissioning

Requirements

Bachelor's, Specialist's, or Master's Degree in a natural science (Agriculture, Soil Science, Environmental Science, etc.)

Program Details

1

Duration: 2 years

2

Workload: 120 credits

3

Teaching Language: English

4

Tuition Fee: 626,500 RUR per year





Admission Requirements and Deadlines

Admission Paths & Calendar:

- 23th of June 2025: Start of admission process

- Documents accepted until the 1st of August 2025

- Course begins in September 2025

- Come study at Moscow State University starting September 1, 2025

How to Apply:

Send your CV and personal information by email to:

ekaterina.kovaleva@soil.msu.ru / katekov@mail.ru / pk.soil@org.msu.ru

Entry Requirements:

- Entry exams in Ecology (in English)
- Follow the general admission procedure of Moscow State University: [MSU Admissions](#)



Wellcome to Program of Soil Science Faculty

M. V. Lomonosov Moscow State University Msc "Natural
Resources Management for Food
Security"

See you on September, 1



ekaterina.kovaleva@soil.msu.ru

katekov@mail.ru

pk.soil@org.msu.ru