

# Graduate School of Agriculture Curriculum

## Master's Course

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### Cultivated Plant Production

Advanced Crop Production Science  
Advanced Crop Physiology  
Advanced Horticultural Production Science  
Advanced Horticultural Physiology  
Advanced Seminar in Plant Production Science  
Advanced Experiments in Plant Production Science

### Crop Protection

Advanced Entomology  
Advanced Plant Pathology  
Advanced Seminar in Plant Protection and Biodiversity  
Advanced Experiments in Plant Protection and Biodiversity

### Life Sciences

Advanced Molecular Microbiology  
Advanced Biochemistry  
Advanced Molecular Cell Biology  
Advanced Seminar in Life Science  
Advanced Experiments in Life Science

### Bioorganic Chemistry

Advanced Physical Chemistry  
Advanced Organic Chemistry  
Advanced Analytical Chemistry  
Advanced Seminar in Molecular Chemistry  
Advanced Experiments in Molecular Chemistry

### Environmental Biology

Advanced Plant Conservation Ecology  
Advanced Animal Conservation Ecology  
Advanced Environmental Physiology  
Advanced Seminar in Environmental Bioscience  
Advanced Experiments in Environmental Bioscience

### Environmental Restoration and Response

Advanced Global Bioremediation  
Advanced Plant Environmental Response  
Advanced Seminar in Bioremediation · Environmental Response  
Advanced Experiments in Bioremediation · Environmental Response

### Plant and Animal Science

Advanced Plant and Animal Production Science  
Advanced Plant and Animal Science  
Advanced Seminar in Plant and Animal Science  
Advanced Experiments in Plant and Animal Science

### Common Subjects

Advanced Seminar on Agricultural Science 1  
Advanced Seminar on Agricultural Science 2  
Scientific Ethics  
Academic English 1  
Academic English 2  
Advanced Presentation Training  
Advanced Internship

### Genetics

Advanced Molecular Breeding  
Advanced Plant Molecular Genetics  
Advanced Seminar in Genetics  
Advanced Exercises in Genetics

### Agricultural and Resource Economics

Advanced Theory of Farm Management  
Advanced Theory of Agricultural and Resource Economics  
Advanced Seminar in Agricultural and Resource Economics  
Advanced Exercises in Agricultural and Resource Economics

### Food Science

Advanced Food Science and Nutrition 1  
Advanced Food Science and Nutrition 2  
Advanced Food Science and Technology  
Advanced Functional Food Science  
Advanced Seminar in Food Science  
Advanced Experiments in Food Science

### Bioregulatory Science

Advanced Bioregulatory Science 1  
Advanced Bioregulatory Science 2  
Advanced Seminar in Bioregulatory Science  
Advanced Experiments in Bioregulatory Science

### Matter Dynamics

Advanced Nutrient Dynamics  
Advanced Soil Science  
Advanced Environmental and Pollution Science  
Advanced Seminar in Material Dynamics  
Advanced Experiments in Material Dynamics

### Landscape Design

Advanced Landscape Design  
Advanced Theory of Public Open Spaces  
Advanced Seminar in Landscape Design  
Advanced Practice in Landscape Design

## Doctoral Course

### Cultivated Plant Production

Advanced Studies on Plant Production Sciences 1  
Advanced Studies on Plant Production Sciences 2  
Advanced Studies on Plant Production Sciences 3  
Advanced Studies on Plant Production Sciences 4  
Advanced Studies on Plant Production Sciences 5  
Advanced Studies on Plant Production Sciences 6

### Crop Protection

Advanced Studies on Plant Protection and Biodiversity 1  
Advanced Studies on Plant Protection and Biodiversity 2  
Advanced Studies on Plant Protection and Biodiversity 3  
Advanced Studies on Plant Protection and Biodiversity 4  
Advanced Studies on Plant Protection and Biodiversity 5  
Advanced Studies on Plant Protection and Biodiversity 6

### Life Sciences

Advanced Studies on Life Sciences 1  
Advanced Studies on Life Sciences 2  
Advanced Studies on Life Sciences 3  
Advanced Studies on Life Sciences 4  
Advanced Studies on Life Sciences 5  
Advanced Studies on Life Sciences 6

### Bioorganic Chemistry

Advanced Studies on Molecular Chemistry 1  
Advanced Studies on Molecular Chemistry 2  
Advanced Studies on Molecular Chemistry 3  
Advanced Studies on Molecular Chemistry 4  
Advanced Studies on Molecular Chemistry 5  
Advanced Studies on Molecular Chemistry 6

### Environmental Biology

Advanced Studies on Environmental Biosciences 1  
Advanced Studies on Environmental Biosciences 2  
Advanced Studies on Environmental Biosciences 3  
Advanced Studies on Environmental Biosciences 4  
Advanced Studies on Environmental Biosciences 5  
Advanced Studies on Environmental Biosciences 6

### Environmental Restoration and Response

Advanced Studies on Bioremediation and Environmental Response 1  
Advanced Studies on Bioremediation and Environmental Response 2  
Advanced Studies on Bioremediation and Environmental Response 3  
Advanced Studies on Bioremediation and Environmental Response 4  
Advanced Studies on Bioremediation and Environmental Response 5  
Advanced Studies on Bioremediation and Environmental Response 6

### Common Subjects

Advanced Lecture on Agrobiological Resources  
Advanced Lecture on Applied Biological Chemistry  
Advanced Lecture on Environmental Bioscience  
Agrobiological Resources Literacy  
Applied Biological Chemistry Literacy  
Environmental Bioscience Literacy  
Advanced Academic English  
Advanced Scientific Presentation  
Research Ethics  
Management of Intellectual Properties

### Genetics

Advanced Studies on Genetics 1  
Advanced Studies on Genetics 2  
Advanced Studies on Genetics 3  
Advanced Studies on Genetics 4  
Advanced Studies on Genetics 5  
Advanced Studies on Genetics 6

### Agricultural and Resource Economics

Advanced Studies on Agricultural and Resource Economics 1  
Advanced Studies on Agricultural and Resource Economics 2  
Advanced Studies on Agricultural and Resource Economics 3  
Advanced Studies on Agricultural and Resource Economics 4  
Advanced Studies on Agricultural and Resource Economics 5  
Advanced Studies on Agricultural and Resource Economics 6

### Food Science

Advanced Studies on Food Sciences 1  
Advanced Studies on Food Sciences 2  
Advanced Studies on Food Sciences 3  
Advanced Studies on Food Sciences 4  
Advanced Studies on Food Sciences 5  
Advanced Studies on Food Sciences 6

### Bioregulatory Science

Advanced Studies on Bioregulatory Sciences 1  
Advanced Studies on Bioregulatory Sciences 2  
Advanced Studies on Bioregulatory Sciences 3  
Advanced Studies on Bioregulatory Sciences 4  
Advanced Studies on Bioregulatory Sciences 5  
Advanced Studies on Bioregulatory Sciences 6

### Matter Dynamics

Advanced Studies on Material Dynamics 1  
Advanced Studies on Material Dynamics 2  
Advanced Studies on Material Dynamics 3  
Advanced Studies on Material Dynamics 4  
Advanced Studies on Material Dynamics 5  
Advanced Studies on Material Dynamics 6

### Landscape Design

Advanced Studies on Landscape Design 1  
Advanced Studies on Landscape Design 2  
Advanced Studies on Landscape Design 3  
Advanced Studies on Landscape Design 4  
Advanced Studies on Landscape Design 5  
Advanced Studies on Landscape Design 6