








College of Agriculture and Natural Resources

2023 SPRING





BACHELOR 
MASTER 
PH.D 

COURSE NO. & NAME	STUDY LEVEL	FIELD
1906 Introduction to Agriculture*		Agricultural and Biological Sciences
1910 English for Agriculture		Agricultural and Biological Sciences

Department of Soil & Water Conservation

COURSE NO. & NAME	STUDY LEVEL	FIELD
4110 Remote Sensing*		Agricultural and Biological Sciences
3238 Environmental Science*		Agricultural and Biological Sciences
6390 Special Study on Vegetation Engineering for Specific Sites		Agricultural and Biological Sciences

Department of Plant Pathology

COURSE NO. & NAME	STUDY LEVEL	FIELD
2073 Applied Microbiology*		Agricultural and Biological Sciences
2109 Introduction to Plant Nematology*		Agricultural and Biological Sciences
6214 Molecular Mechanism of Plant Stress Tolerance*		Agricultural and Biological Sciences
6220 Seminar (I)		Agricultural and Biological Sciences

Department of Entomology

COURSE NO. & NAME	STUDY LEVEL	FIELD
1126 General Entomology	B	Agricultural and Biological Sciences
2166 Insect Ecology*	B	Agricultural and Biological Sciences
2169 Insect Taxonomy*	B	Agricultural and Biological Sciences
2171 Insect Ecology Lab*	B	Agricultural and Biological Sciences
6228 Systematic Entomology*	M	Agricultural and Biological Sciences
6231 Selected Reading in Insect Ecology*	M	Agricultural and Biological Sciences
6232 Writing in science	M	Agricultural and Biological Sciences
6238 Special Topics Research	M	Agricultural and Biological Sciences
6239 Seminar(VII)	M	Agricultural and Biological Sciences
6249 Seminar(III)	M	Agricultural and Biological Sciences

Department of Animal Science

COURSE NO. & NAME	STUDY LEVEL	FIELD
6243 Special Topics in Animal Welfare	M	Agricultural and Biological Sciences
6244 Biological Data Processing and Analysis	M	Agricultural and Biological Sciences
6245 Structural Systems Biology	M	Agricultural and Biological Sciences
6247 Lactation Physiology	M	Agricultural and Biological Sciences
6250 Introduction to Cell Signaling*	M	Agricultural and Biological Sciences
8106 Literature Review in Probiotic of Animal Product	P	Agricultural and Biological Sciences

Department of Applied Economics

COURSE NO. & NAME	STUDY LEVEL	FIELD
8089 Macroeconomic Theory (II)*	P	Agricultural and Biological Sciences

Department of Agronomy

COURSE NO. & NAME	STUDY LEVEL	FIELD
2102 Introduction to Plant Genomics and Breeding*	B	Agricultural and Biological Sciences
5116 Bioinformatics in Crop Breeding*	M	Agricultural and Biological Sciences
5122 Introduction to Biostatistics*	M	Agricultural and Biological Sciences
7061 Advanced Methodology of crop breeding	M	Agricultural and Biological Sciences

Department of Soil & Environmental Sciences

COURSE NO. & NAME	STUDY LEVEL	FIELD
7156 Nanotechnology and Environment*	M	Agricultural and Biological Sciences

Graduate Institute of Biotechnology

COURSE NO. & NAME	STUDY LEVEL	FIELD
6360 Plant Biotechnology and Synthetic Biology*	M	Agricultural and Biological Sciences
6377 Research on Plant Intercellular Protein Transport and Evolution	M	Agricultural and Biological Sciences
6383 Seminar (I)	M	Agricultural and Biological Sciences
7189 Review of literature on Plant Intercellular Communication	M	Agricultural and Biological Sciences

Graduate Institute of Bio-Industry Management

COURSE NO. & NAME	STUDY LEVEL	FIELD
7231 Seminar on Resources Management	M	Management
6459 Health Communication*	M	Agricultural and Biological Sciences

Specialty Crops and Metabolomics Master Degree Program




COURSE NO. & NAME	STUDY LEVEL	FIELD
6942 Review of Literature in Plant Metabolomics	M P	Agricultural and Biological Sciences
6943 The Analysis and Application of Plant Secondary Metabolome	M P	Agricultural and Biological Sciences
6944 Techniques of Chemical Separation	M P	Agricultural and Biological Sciences
6946 The Plant and Microbial Genome Mining and Gene Functional Characterization*	M P	Agricultural and Biological Sciences

Bachelor Program of Landscape and Recreation














COURSE NO. & NAME	STUDY LEVEL	FIELD
2059 Introduction to Recreation	B	Agricultural and Biological Sciences
3238 Environmental Science*	B	Agricultural and Biological Sciences
4110 Remote Sensing*	B	Agricultural and Biological Sciences

International Bachelor Program of Agribusiness

COURSE NO. & NAME	STUDY LEVEL	FIELD
1038 Crop Science*	B	Agricultural and Biological Sciences
1041 Food and Agriculture Education*	B	Agricultural and Biological Sciences
1092 Language Lab. Workshop (I)*	B	Agricultural and Biological Sciences
1100 English Composition (I)*	B	Agricultural and Biological Sciences
1136 English Oral Training (I)*	B	Agricultural and Biological Sciences
1229 Calculus*	B	Agricultural and Biological Sciences
2104 International Business Law*	B	Agricultural and Biological Sciences
2107 Pesticides*	B	Agricultural and Biological Sciences
2111 Ecology*	B	Agricultural and Biological Sciences
2119 Statistics (II)*	B	Management
2129 Domestic and International Agricultural Policy and Welfare*	B	Agricultural and Biological Sciences
2122 Agribusiness Management*	B	Agricultural and Biological Sciences
2138 Principles of Economics(II)*	B	Agricultural and Biological Sciences
3001 Agricultural Economics*	B	Agricultural and Biological Sciences
3015 Agro-Eco Tourism*	B	Agricultural and Biological Sciences
3038 Regional Study (D)*	B	Agricultural and Biological Sciences
3073 Introduction to Plant Nutrition and Fertilizer*	B	Agricultural and Biological Sciences
3104 Thesis	B	Agricultural and Biological Sciences

4002 Practice in Industry(I)		Agricultural and Biological Sciences
4010 Practice in Industry(II)		Agricultural and Biological Sciences
4011 Food Processing Practice		Agricultural and Biological Sciences

International Master Program of Agriculture

COURSE NO. & NAME	STUDY LEVEL	FIELD
5106 Introduction and Application of Plant Biotechnology*		Agricultural and Biological Sciences
5113 Climate Data Exploration		Agricultural and Biological Sciences
5114 Contemporary English Thesis Writing & Presentation		Agricultural and Biological Sciences
5115 Introduction of Geographic Information System*		Agricultural and Biological Sciences
5119 Quantitative Analysis for Business and Policy Decisions*		Agricultural and Biological Sciences
5123 Introduction and Application of Plant Functional Genomics*		Agricultural and Biological Sciences
6116 Marketing and Business Strategy for Agriculture Product*		Agricultural and Biological Sciences
6123 Plant Pathology and Disease Control*		Agricultural and Biological Sciences
6133 Introductory Econometrics*		Management
6135 Advance Research Methods in Crop Science*		Agricultural and Biological Sciences
6137 Special Topics in Microbial Diversity*		Agricultural and Biological Sciences
6142 International Trade Policy in Agricultural Products*		Agricultural and Biological Sciences
6143 Seminar (I)		Agricultural and Biological Sciences

7055 Seminar (II)

M

Agricultural and
Biological Sciences

7057 Thesis

M

Agricultural and
Biological Sciences

Department of Horticulture

COURSE NO. & NAME	STUDY LEVEL	FIELD
2108 Small Fruit Production and Physiology*	B	Agricultural and Biological Sciences

Department of Forestry

COURSE NO. & NAME	STUDY LEVEL	FIELD
2113 Conservation Ecology*	B	Agricultural and Biological Sciences

Department of Bio-industrial Mechatronics Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
2218 Fundamentals of Electricity	B	Agricultural and Biological Sciences
8136 Special Topics in Bio-Electrochemical Sensing Technology	P	Agricultural and Biological Sciences

Plant Health Master Degree Program

COURSE NO. & NAME	STUDY LEVEL	FIELD
6930 Advanced Biological Control*	M P	Agricultural and Biological Sciences
6933 Bioinformatic Applications in Plant Pathology*	M P	Agricultural and Biological Sciences
6935 Current Molecular Plant Science Technology in Practices*	M P	Agricultural and Biological Sciences

Department of Food Science and Biotechnology

COURSE NO. & NAME	STUDY LEVEL	FIELD
4105 Special Topics Research*	B	Agricultural and Biological Sciences
4107 Special Topics Research*	B	Agricultural and Biological Sciences
4119 Special Topics Research*	B	Agricultural and Biological Sciences
4120 Special Topics Research*	B	Agricultural and Biological Sciences
4121 Special Topics Research*	B	Agricultural and Biological Sciences
4141 Special Topics Research*	B	Agricultural and Biological Sciences
6405 Special Topics in One Carbon Metabolism*	M	Agricultural and Biological Sciences
6459 Seminar on Resources Management*	M	Management
6421 Seminar (I)*	M	Agricultural and Biological Sciences
6422 Seminar (I)*	M	Agricultural and Biological Sciences
6423 Seminar (I)*	M	Agricultural and Biological Sciences
6424 Seminar (I)*	M	Agricultural and Biological Sciences
6425 Seminar (I)*	M	Agricultural and Biological Sciences
7208 Seminar (II)*	M	Agricultural and Biological Sciences
7209 Seminar (II)*	M	Agricultural and Biological Sciences
7210 Seminar (II)*	M	Agricultural and Biological Sciences
7211 Seminar (II)*	M	Agricultural and Biological Sciences
7212 Seminar (II)*	M	Agricultural and Biological Sciences

* EMI (English as a Medium of Instruction)