

# College of Agriculture and Natural Resources

2022 Fall

BACHELOR

B

MASTER

M

PH.D

P

## College of Agriculture and Natural Resources

COURSE NO. & NAME	STUDY LEVEL	FIELD
1057 English for Agriculture	B	Agricultural and Biological Sciences

## International Bachelor Program of Agribusiness

COURSE NO. & NAME	STUDY LEVEL	FIELD
1069 Soil Science *	B	Agricultural and Biological Sciences
1089 Animal Production and Animal Science Worldwide	B	Agricultural and Biological Sciences
2002 Life Science *	B	Agricultural and Biological Sciences
2045 Principles of Economics(I) *	B	Humanities and Social Science
2053 Accounting(I) *	B	Science and Engineering
2070 Introduction to Agritourism *	B	Agricultural and Biological Sciences
2080 Plant Protection*	B	Agricultural and Biological Sciences
2082 Sustainable Farming and Practices *	B	Agricultural and Biological Sciences

<b>3014</b> Regional Study (E) *	B	Agricultural and Biological Sciences
<b>3027</b> Regional Study (B)*	B	Agricultural and Biological Sciences
<b>3052</b> Introduction to Food Science )*	B	Agricultural and Biological Sciences
<b>3058</b> Region Study (D)*	B	Agricultural and Biological Sciences
<b>3080</b> Human Resource Management in Agribusiness )*	B	Management
<b>3091</b> Practice on Fundamental Research Methods in Crop Science *	B	Agricultural and Biological Sciences
<b>3096</b> Thesis	B	Agricultural and Biological Sciences
<b>4045</b> Practice in Industry(I)	B	Agricultural and Biological Sciences
<b>4152</b> Practice in Industry(II)	B	Agricultural and Biological Sciences

## International Master Program of Agriculture

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>5122</b> Leadership and Management of International Non-Governmental Organizations (NGOs)*	B M	Management
<b>5126</b> Readings in Ecology and Agriculture *	M	Agricultural and Biological Sciences
<b>6131</b> Introductory Econometrics*	M	Humanities and Social Science
<b>6133</b> Topics in Conservation Biology*	M	Agricultural and Biological Sciences
<b>6136</b> Supply Chain Management for Agricultural Products *	M	Agricultural and Biological Sciences
<b>6145</b> Sustainable Agriculture *	M	Agricultural and Biological Sciences
<b>6148</b> Introduction of Genomics *	M	Agricultural and Biological Sciences

**6153 Seminar (I)\***

M

Agricultural and  
Biological Sciences

**7077 Seminar (II)\***

M

Agricultural and  
Biological Sciences

**7089 Thesis**

M

Agricultural and  
Biological Sciences

## Department of Agronomy

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>3108</b> Utilization of Agriculture Wastes*	B	Agricultural and Biological Sciences
<b>6154</b> Crop Molecular Breeding	M	Agricultural and Biological Sciences

## Department of Horticulture

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2119</b> Nanotechnology and Environment*	B	Agricultural and Biological Sciences
<b>6171</b> Nanotechnology and Environment*	M	Agricultural and Biological Sciences

## Department of Forestry

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>4029</b> Creative Practicies for Biomass Power and Heat Application*	B	Agricultural and Biological Sciences
<b>6195</b> Biomass Gasification Process *	M	Agricultural and Biological Sciences
<b>7107</b> Principle of research in forest resources and scientific writing *	M	Agricultural and Biological Sciences












## Department of Applied Economics

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2138</b> Statistics (I) *	B	Science and Engineering



6206 Agribusiness Management \*  Management

6207 Practical New Product Development and Marketing  Management

## Department of Plant Pathology

COURSE NO. & NAME	STUDY LEVEL	FIELD
2043 Brewing Microbiology*		Agricultural and Biological Sciences
4097 Seminar (I)*		Agricultural and Biological Sciences
5136 Plant Immunity*	 	Agricultural and Biological Sciences
6223 Plant Disease and Information *		Agricultural and Biological Sciences
6225 Advances in Plant Pathology *		Agricultural and Biological Sciences
6229 Literature Review of Current Topics in Fungal Molecular Genetics		Agricultural and Biological Sciences
6235 Seminar (I) *		Agricultural and Biological Sciences
7138 Scientific Paper Writing(I) *		Agricultural and Biological Sciences
8082 Technology of Molecular Fungal Genetics		Agricultural and Biological Sciences
8090 Advanced Fungal Genetics		Agricultural and Biological Sciences

## Department of Food Science and Biotechnology

COURSE NO. & NAME	STUDY LEVEL	FIELD
3241 Food Additives		Agricultural and Biological Sciences
6419 Introduction of Vitamins in One Carbon Metabolism*		Agricultural and Biological Sciences

## Department of Entomology

COURSE NO. & NAME	STUDY LEVEL	FIELD
2116 Applied Entomology*	B	Agricultural and Biological Sciences
2125 Insect Morphology*	B	Agricultural and Biological Sciences
2150 Principle of Biological Systematics*	B	Agricultural and Biological Sciences
3144 Social Insects*	B	Agricultural and Biological Sciences
4104 Pest Management*	B	Agricultural and Biological Sciences
4124 Microbial Control of Insect Pests	B	Agricultural and Biological Sciences
5131 Introduction of Toxic Substances	B M	Agricultural and Biological Sciences
6241 Advanced Biological Control*	M	Agricultural and Biological Sciences
6243 Selected Reading in Insect Ecology*	M	Agricultural and Biological Sciences
7148 Insect-plant Interaction *	M	Agricultural and Biological Sciences
8092 Special Topics in Insecticide Toxicology	P	Agricultural and Biological Sciences

## Department of Animal Science

COURSE NO. & NAME	STUDY LEVEL	FIELD
6260 Special Topics in Reproductive Biology(I) *	M	Agricultural and Biological Sciences
6263 Special Topics in Ruminant Nutrition*	M	Agricultural and Biological Sciences

**6276** Antibody Technology\*

M

Agricultural and  
Biological Sciences

**6277** Special Topic in Carbohydrate  
and Lipid Metabolism\*

M

Agricultural and  
Biological Sciences

**8097** Review of Literature in Dairy  
Products

P

Agricultural and  
Biological Sciences

## Department of Soil and Environmental Sciences

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2186</b> Soil Survey	B	Agricultural and Biological Sciences
<b>6333</b> The Principle of Sampling and Analysis of Environmental Pollution*	M	Agricultural and Biological Sciences

## Department of Bio-Industrial Mechatronics Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>3146</b> Electric Circuits	B	Science and Engineering
<b>3217</b> Signals and Systems	B	Science and Engineering
<b>6361</b> Numerical Analysis	M	Science and Engineering
<b>6364</b> Electrochemical Engineering	M	Science and Engineering
<b>7196</b> Special Topics Research	M	Agricultural and Biological Sciences

## Department of Soil and Water Conservation

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2205</b> Mechanics of Materials*	B	Science and Engineering
<b>5104</b> Computational Hydraulics*	B M	Science and Engineering

**5108** Special Topics in Engineering  
Geology



Science and  
Engineering

## Bachelor Program of Biotechnology

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2076</b> Food Safety and Consumer Protection*	B	Agricultural and Biological Sciences
<b>2043</b> Brewing Microbiology*	B	Agricultural and Biological Sciences
<b>4209</b> Microbial Genetics*	B	Agricultural and Biological Sciences

## Master Program of Landscape Design, Leisure and Recreation

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>6194</b> Landscape and Recreation Literature Reading*	M	Language

## Graduate Institute of Biotechnology

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>6355</b> Biotechnology	M	Agricultural and Biological Sciences

## Graduate Institute of Bio-Industry Management

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>6455</b> Scientific English Writing*	M	Language
<b>6464</b> Seminar on Food Industry*	M	Agricultural and Biological Sciences

## Graduate Institute of Food Safety

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COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>6865</b> Food Authentication	M	Agricultural and Biological Sciences
<b>6912</b> Special Topics in Emerging Process Fechnology and Food Safety	M	Agricultural and Biological Sciences

\* EMI ( English as a Medium of Instruction )