

Agricultural Systems Institute

Vision

A center of excellence in agricultural systems for sustainable development

Mission

To provide excellent leadership in agricultural systems education, research, development, extension and advocacy

Courses offered:

- Bachelor of Science in Agriculture
Major in:
 - Agricultural Extension
 - Agricultural Systems
 - Landscape Agroforestry
 - Soil Science
- Master of Science in Rural Sociology
- Master of Science in Soil Science
- Doctor of Philosophy in Soil Science

Contact Us

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University of the Philippines Los Baños
College of Agriculture and Food Science

BS Agriculture
Major in:
**Agricultural
Systems
(AgSys)**

Systems approach to
Agricultural Development



Agricultural Systems Institute

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WHAT IS AGRICULTURAL SYSTEMS?

Agricultural Systems as a major field of specialization in the Bachelor of Science in Agriculture curriculum addresses the dynamic inter-relationships of the bio-physical, economic, socio-cultural and technological aspects of agriculture. It involves systems thinking and holistic perspective to solve problems in agriculture.

Graduates of this program are expected to have strong technical expertise, social consciousness, and skills in analyzing and improving the major agricultural systems in the Philippines in the context of farm productivity, stakeholders' well-being and environment.

CAREER OPPORTUNITIES

Graduates of the Agricultural systems program are versatile enough to have careers in education, extension, industry and agribusiness. They can find meaningful careers as:

- Researchers
- Teachers
- Training Coordinators/Facilitators
- Rural Development Planner
- Extension Officers
- Agri-entrepreneurs
- Agriculture Managers/Consultants

COURSES OFFERING

Course	Unit	Title	Pre-requisite
Core Courses:			
ASYS 101	3	Introduction to Agricultural Systems	CRSC 2, ANSC 2 & AGRI 51
ASYS 110	3	Organic Agriculture	AGRI 22 & AGRI 32
ASYS 120	3	Crop-Animal Systems	ASYS 101 or AGRI 111 or COI
ASYS 145	3	Participatory Methodologies in Agricultural Systems Research and Extension	
ASYS 146	3	Agricultural Systems Modelling	CRSC 2, ANSC 2
SOIL 111	3	Soil and Land Use	AGRI 51
ASYS 199	1	Seminar in Agricultural Systems	Sr. Standing
Total		19 Units	
Specialized Courses:			
AGRI 161	3	Intro. to Innovation and Entrepreneurship in Agriculture	
ASYS 130	3	Mgt. of Sustainable Organic Agricultural Systems	ASYS 101
LAF 101	3	Landscape Agroforestry	SFI 123
SOIL 161	3	Spatial Analysis and Soil Mapping	
Total		12 Units	
Electives*			
Total		9 Units	
ASYS 191	3	Special topic	
ASYS 198	3	Practicum	Sr. standing
ASYS 200/200a	6	Undergraduate Thesis/Farm Practice	Sr. standing

- Any course selected by the student and approved by the his/her adviser.



Application requirements

- » Letter of application addressed to the Institute Director.
- » True copy of grades duly signed by the CAFS College Secretary.

For more inquiries, visit the Agricultural Systems Institute office .



APPLY NOW

**AGRICULTURAL
SYSTEMS**
as a Major