



Sana'a University
Faculty of Agriculture, Foods, and Environment
Department of Agricultural Economics



Department Mission:

Developing scientific competencies in agricultural economics through outstanding programs that meet the requirements of the labor market, research dissemination, and solving agricultural economic problems

Community Services

The department is concerned with studying the economic aspects of the agricultural sector and the issues related to the production and marketing of plant and animal agricultural products. It provides its graduates with a theoretical and practical background that combines agricultural sciences with administrative skills, enabling them to manage agricultural projects, analyze their problems, and provide solutions. It provides consultancy and services related to agricultural commodities and contributes to the formulation of economic policies for the community in the agricultural field. It serves the community by providing educational, research, and consultancy services that achieve excellence for its graduates in light of local competition and prepare specialized scientific cadres that meet the requirements of the labor market. It develops and conserves the environment by providing consultancy and training in specialized fields to institutions operating in its environment to develop their capabilities and those of their employees. It encourages research and studies that contribute to serving the environment surrounding the community in general and the rural environment in particular. It conducts technical, financial, and economic feasibility studies for agricultural projects of various types. It participates in studies on biofuel production. It conducts or participates in research and studies that contribute to solving food-related problems in society. It conducts courses in statistical and economic analysis. It provides scientific consulting to institutions and trains employees to improve their production performance. It organizes workshops that address the urgent economic issues of the community. It promotes and adopts modern agricultural innovations and technologies. It acts as a link between specialized agricultural centers and the rural community to solve the obstacles facing the agricultural community or transfer agricultural problems to scientific research centers for resolution.

Department Aims:

- Meeting the needs of society by offering competitive and leading programs in economic and extension sciences.**
- Promoting education, learning, and the dissemination of agricultural research by creating a supportive academic environment.**
- Preparing locally and regionally pioneering cadres in the field of agricultural economics and extension.**
- Networking with the public and private sectors and providing necessary consultations to enhance agricultural economics.**
- Supporting and developing students' ideas for conducting research and encouraging them to pursue higher studies.**
- Conducting technical, financial, and economic feasibility studies for agricultural projects of various types.**
- Conducting economic, marketing, and financing studies according to the department's and other departments' needs.**

Brief about the department

The Department of Agricultural Economics and Extension was established in 1990 as one of the founding departments of the Faculty of Agriculture at Sana'a University. The department initially offered two programs: the Agricultural Economics and Cooperation Program and the Agricultural Extension and Development Program. In 2021, in line with the university's plan to develop and introduce new programs in response to labor market needs, the department added a third program: the Agribusiness Management Program.

Academic Sections of the Department:

- Agricultural Economics and Cooperation Division
- Agricultural Extension and Development Division

Current Programs in the Department:

- Agricultural Economics and Cooperation Program
- Agricultural Extension and Development Program
- Agribusiness Management Program

Teaching Staff:

The department currently has a teaching staff consisting of specialized academics with high scientific qualifications from various scientific institutions. They possess diverse expertise in the fields of economics, extension, and development sciences. The faculty members and assistants are distributed as follows:

- 2 Professors
- 7 Associate Professors
- 1 Assistant Professor
- 6 Instructors (Master's degree)
- 12 Teaching Assistants (Bachelor's degree)

Infrastructure of the Department:

- Computer Lab
- Agricultural Extension Lab
- 11 Offices for Faculty Members
- 2 Rooms for Teaching Assistants
- A small lecture hall with a capacity of 25 students

Significance of the Department:

The Department of Agricultural Economics and Extension is an applied branch of general economics that focuses on the economic issues related to individual efforts in agriculture. It applies economic theories and principles to agricultural activities and explores ways to optimize the economic utilization of natural, human, and capital resources in agriculture.

The department offers three undergraduate programs: Agricultural Economics and Cooperation, Agricultural Extension and Rural Development, and Agribusiness Management.

Postgraduate Programs Offered by the

Department:

- The department offers Master's and Ph.D. programs in two specializations:
 - Agricultural Economics and Cooperation
 - Agricultural Extension and Rural Development
- The department also plans to offer a Master's and Ph.D. program in agribusiness management.



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Study plan of Agricultural Extension and Rural Development Program (ERD)

Third Level Courses	
First Semester	Second Semester
Course Title	Course Title
Agricultural Extension and Rural Society	Agricultural Accounting Principles
Population and Rural Society	Educational Psychology
Management in Extension Work	Farms Management
Research Methodology	Economic and Social Statistics
Microeconomic Theory	Agricultural Cooperation
Production of Horticultural Crops	Economics of Animal Production
Agricultural Finance and Credits	Summer Training

Fourth Level Courses	
First Semester	Second Semester
Course Title	Course Title
Marketing Extension	Rural Community Development
Principles of Adult Education	Resources Development in the Agricultural Sector
Leadership and Rural Development	Extension Programs Planning and Evaluation
Communication and Agricultural Media	Dissemination and Adoption of Agricultural Innovations
Economic Insects	Integrated Pest Management
General Crops Production	Contemporary Extension Issues
Agricultural Policy and Planning	Graduation Project

Study plan of Agribusiness Management program (AGB) –

Third Level Courses	
First Semester	Second Semester
Course Title	Course Title
Principles of Agricultural Accounting	Economic Feasibility Study
Agricultural Finance and Credits	Management of the production and marketing of food products
Agricultural production management	Management of specialized farms
General Crop Production	analysis of Agricultural project
Research Methodology	Economics of Natural Resources
Agricultural Extension and Rural Society	Environmental Economics
Agriculture information systems	Summer Training

Fourth Level Courses	
First Semester	Second Semester
Course Title	Course Title
Agricultural Policy and Planning	Agricultural Business Administration (2)
Agricultural Project Management	Agricultural Exchanges
Agricultural Business Administration(1)	Integrated Pest Management
International Agricultural Trade	contemporary Agricultural Issues
Agriculture and Food Security	Econometrics
Agricultural Business Risk Management	Agricultural Data Analysis
Macroeconomics Theory	Graduation Project

Career Opportunities for Graduates of the Department:

Marketing and sales in agricultural companies.
 Management in food companies and factories.
 Planning and management of agricultural projects in various institutions.
 Working in international and local organizations such as the Food and Agriculture Organization (FAO).
 Working in productive and marketing agricultural companies.
 Research work at the General Authority for Agricultural Research and Extension.
 Working in consulting offices that prepare research studies and economic feasibility studies.
 Working in development institutions such as the Social Fund for Development.
 Working in banks and agricultural associations.

Study plan of Agricultural Economic and Cooperation Program (AEC) -

Third Level Courses	
First Semester	Second Semester
Course Title	Course Title
Microeconomic Theory	Economic Feasibility Study
Production of Horticultural Crops	Agricultural Marketing
Agricultural Financing & Credit	Farms Management
Principles of Agricultural Accounting	Agricultural Cooperation
Research Methodology	Economics of Animal Production
Agricultural Extension and Rural Society	Environmental Economics
Computer Applications	Summer Training

Fourth Level Courses	
First Semester	Second Semester
Course Title	Course Title
Agricultural Policy and Planning	Economic and Social Statistics
Management of Agricultural Projects	Evaluation of Agricultural Projects
Rural Agricultural Development	Knowledge Economy
International Agricultural Trade	Economics of Natural Resources
Economic Insects	Econometrics
General Crop Production	Prices Analysis
Macroeconomics Theory	Graduation Project

Department Vision:

Providing education that adheres to high-quality standards and academic accreditation for its graduates and conducting scientific research and field studies, utilizing the outcomes to address and resolve agricultural economic problems within Yemen and the surrounding region.

Graduate Attributes

In addition to the attributes featured in the graduates of the faculty in general, the graduates of this department will be able to:

- Monitor and evaluate agricultural projects and feasibility studies.
- Manage, plan, and evaluate agricultural projects and extension programs.
- Contribute to the implementation of agricultural extension programs and campaigns and the development of women and rural communities.
- Conduct statistical analysis of agricultural and economic data to develop and improve the agricultural sector.
- Continue to learn and pursue studies and research in their field of specialization.