

AGS 703 (366703) Management of Agricultural Systems for Economic
Development and Food Security

2(2-0-4)

Course Type Lecture Lab
 Practicum Thesis/IS.
Measurement and Evaluation A-F S/U P

Selected Topic (if any) Count the accumulated credits for graduation every time
 Count the accumulated credits for graduation one- time only

Abbreviation: MNG AGRI ECON DEV & FOOD SEC

Prerequisite: None

Course Description:

Development concepts, models, indicators and experiences of developing countries dealing with agricultural and food situations as well as environmental problems which affect food security and economic development. Economic development models, policies and institutions in national, local and household levels related to agricultural systems are explored to reveal lessons learnt on management of participatory agricultural and environmental programs and projects leading to food security and economic development in all levels

Course Objectives Students will be able to:

1. explain about economic development and food security situations as well as environmental problems, attempts and experiences to manage agricultural systems to solve environmental and food insecurity problems
2. explain different models of economic development, sets of policies and institutions to tackle hunger, malnutrition and related environmental problems
3. apply concepts and management tools for decentralized, participatory and empowered local-level agricultural and environmental programs and projects

Course Contents

No. of Lect. hours

1. Development indicators and experiences in developing countries	4
2. Food insecurity situation in developing countries	4
3. Global environmental problems affecting food situations	3
4. Different models of economic development	3
5. Management of national-level policies affecting agricultural systems	
5.1 Agricultural systems development	2
5.2 Land tenure reform	2
5.3 Trade, prices and marketing	2
5.4 Credit and finance	2

6. Management of local-level agricultural systems	4
7. Household-level decision making and management	4
Total	<u>30</u>