Changing Students’ Worldviews on Animal Agriculture and Global Sustainable Development  
Michel A. Wattiaux

Objectives
To present our instructional efforts to teach students the multi-faceted contributions of Animal Agriculture to Sustainable Development. The poster was designed to emphasize the links between course components and 12 of the 17 Sustainable Development Goals.

Methods (Course Information)
The 472 course fulfills partially the requirements of the Food System Certificate (CALS), the Sustainability Certificate (Nelson Institute for Environmental Studies), and the Global Health Certificate. This course contributes to student’s eligibility to participate in 473: A faculty-led 2-week Field Program in Mexico. The combination of these courses fulfills the CALS requirements for 3 credits of International Studies.

Animal Agriculture and Global Sustainable Development
SPRING Course; 1-credit  
AN SCI 472, DY SCI 472, SOIL SCI 472, and FOOD SCI 472

Field Study in Animal Agriculture and Sustainable Development: 2-wk in Mexico  
SUMMER Course; 2-credits  
AN SCI 473, DY SCI 473, SOIL SCI 473, and FOOD SCI 473

Expected Learning Outcomes
Students gain knowledge and understanding of:
- The diversity of agricultural systems around the world;
- The roles of livestock in communities where poverty, hunger and marginalization is embedded as a way of life;
- How to evaluate sustainability of food production systems;
- Who should be feeding whom in the world?
- Technology and livestock agriculture development: From subsistence farming to international markets;
- The historical, social, economic and political forces that shape rapid changes in agriculture around both the “developed” nations and the “developing” nations;
- The increased interdependence of agricultural industries around the world.

Enrollment
- 23, 25, and 30 students in 2017, 2018, and 2019, respectively;
- About 1/2 from Social Sciences and 1/2 from Natural Sciences.

Credits: Photos by Michel Wattiaux

A once in a life-time experience!