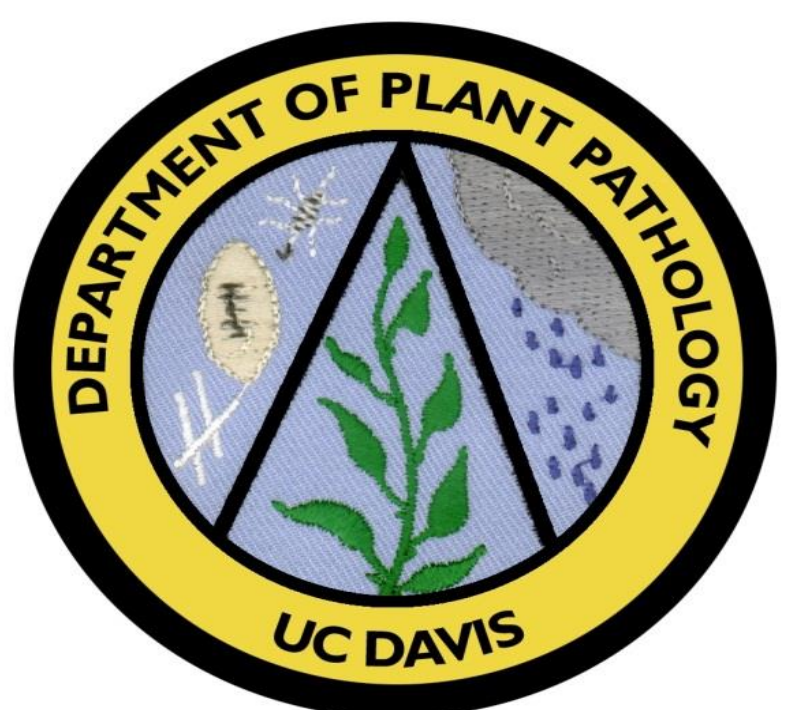




Creating an Online, General Education Agriculture Course for the University of California



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Science and Society 2V

Feeding the World: Influences on the Global Food Supply



UNIVERSITY OF CALIFORNIA Global Food Initiative

UNIVERSITY OF CALIFORNIA Innovative Learning Technology Initiative

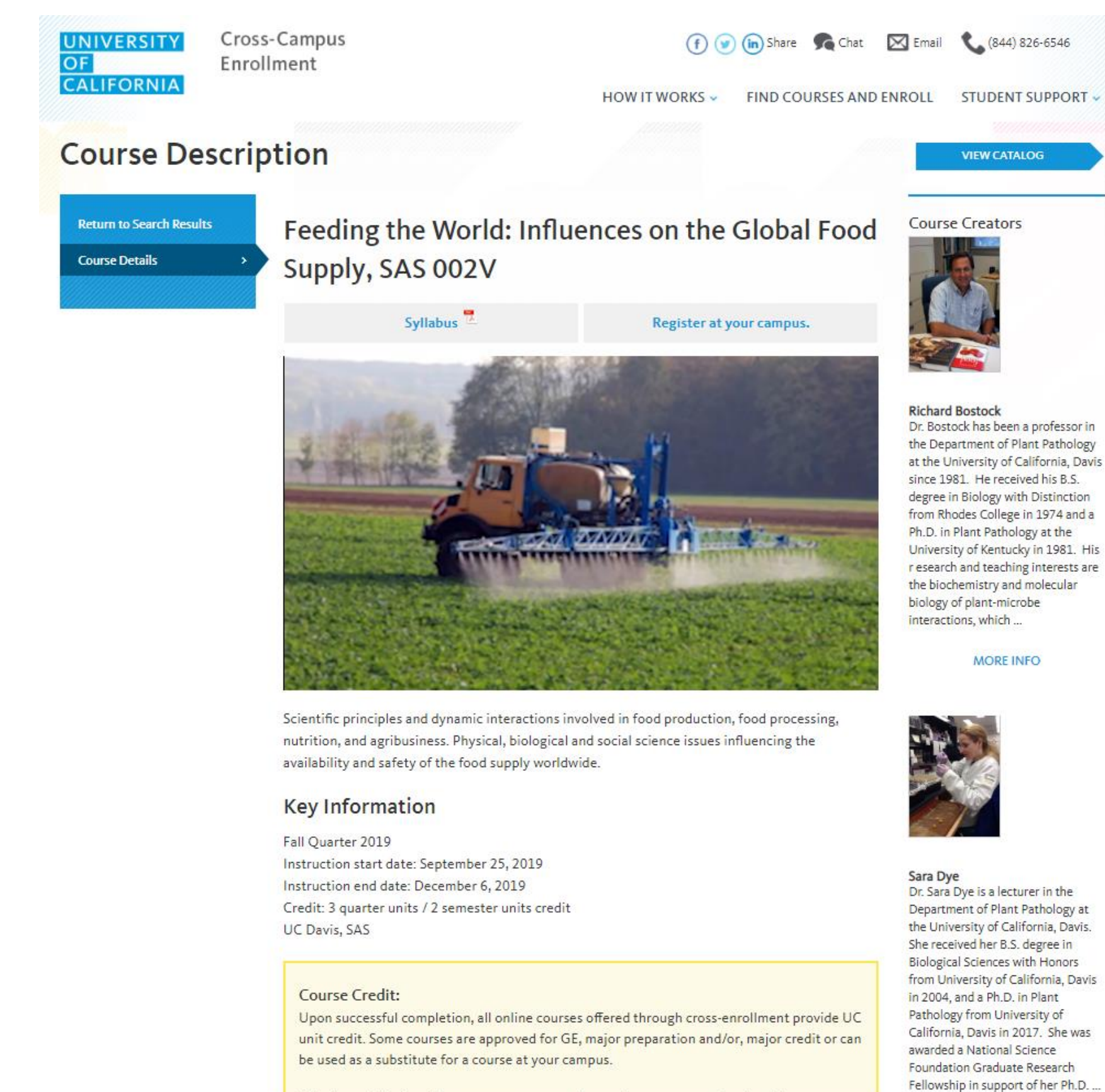
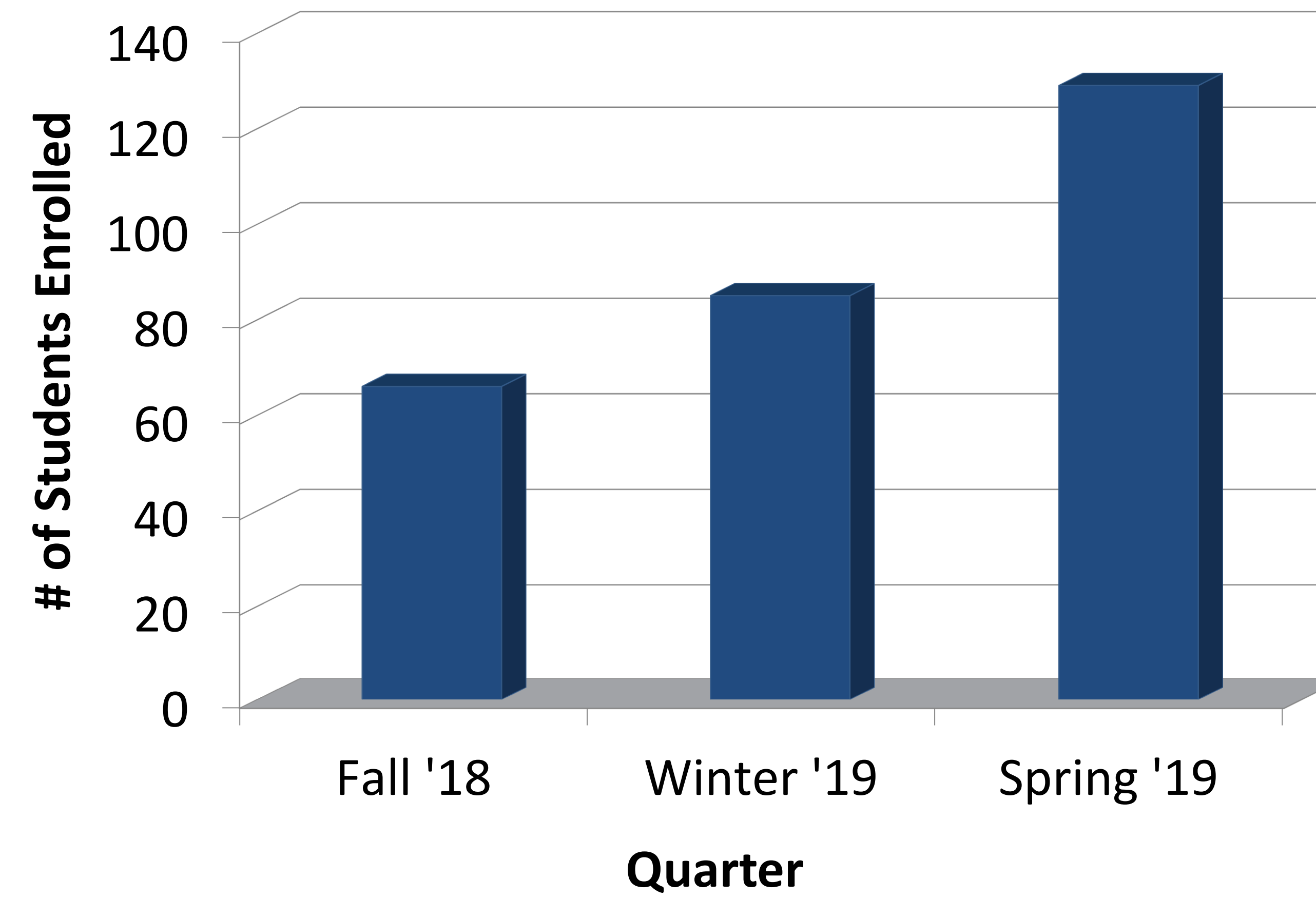
Fully **ONLINE**, general education, lower-division course about the science, mechanisms, challenges, trade-offs, and impacts of agriculture.

Selected as the UCD campus contribution to the food curriculum within the University of California Office of the President's (UCOP) Global Food Initiative (GFI).

Funding provided by UCOP GFI and Innovative Learning Technology Initiative (ILTI).

Accessible to UC Davis students and throughout the UC system via the ILTI cross-campus enrollment system.

Outcomes and Future Plans



SAS 2V was first offered for student enrollment locally at UCD in the fall quarter of 2018 with 66 students enrolled. It was subsequently offered for enrollment of students at UCD as well as other UC campuses in winter and spring quarters of 2019. Enrollment increased each quarter with 85 students in winter and 129 students in spring. The ever-growing enrollment numbers attest to student interest and satisfaction with the course.

SAS 2V will be offered for UCD and UC system-wide enrollment during fall, winter and spring quarters of the 2019-2020 academic year. Future offerings will be dependent on available funding opportunities for instruction, administration, and updating/revision of the course. Increasing enrollment of students from the different UC campuses is an ongoing goal.

Course Content, Organization, and Requirements



Ag trivia

- Poll about fun ag facts

"Muddy Points" topics list

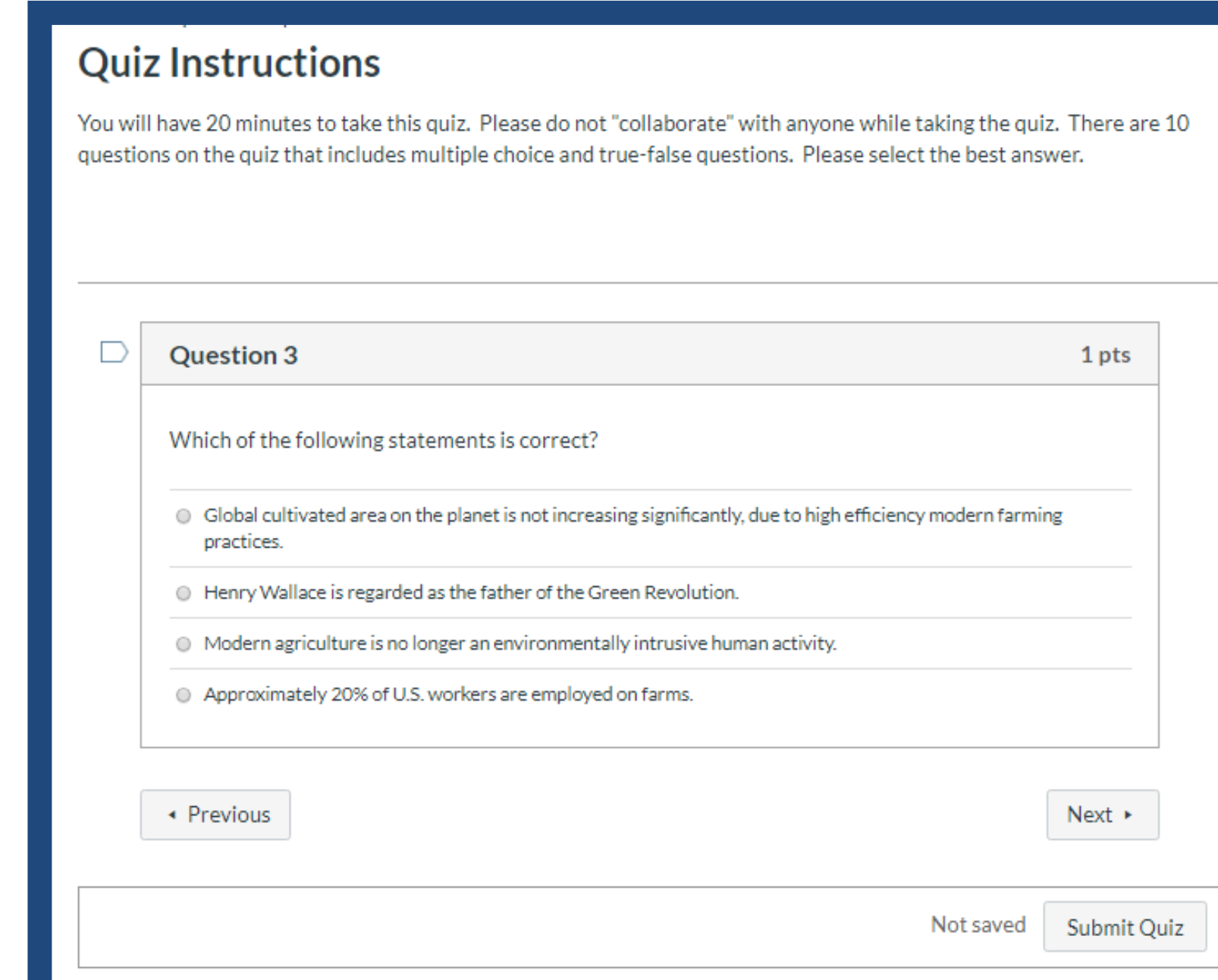
- Student questions about material from the week

Instructor-led discussion about material

- Important concepts from the week

"Agri-fact or Agri-fiction" activity

- Debate a current news article about agriculture



Schedule with ProctorU
2 hours
85 questions
Multiple choice
True/false
Matching

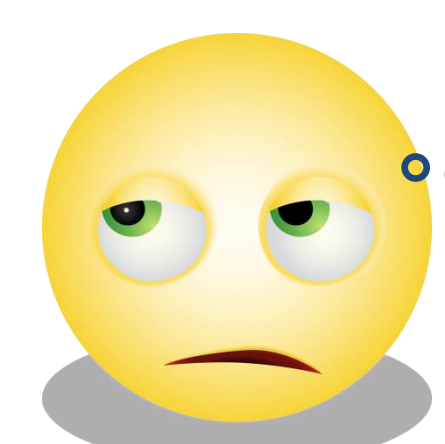
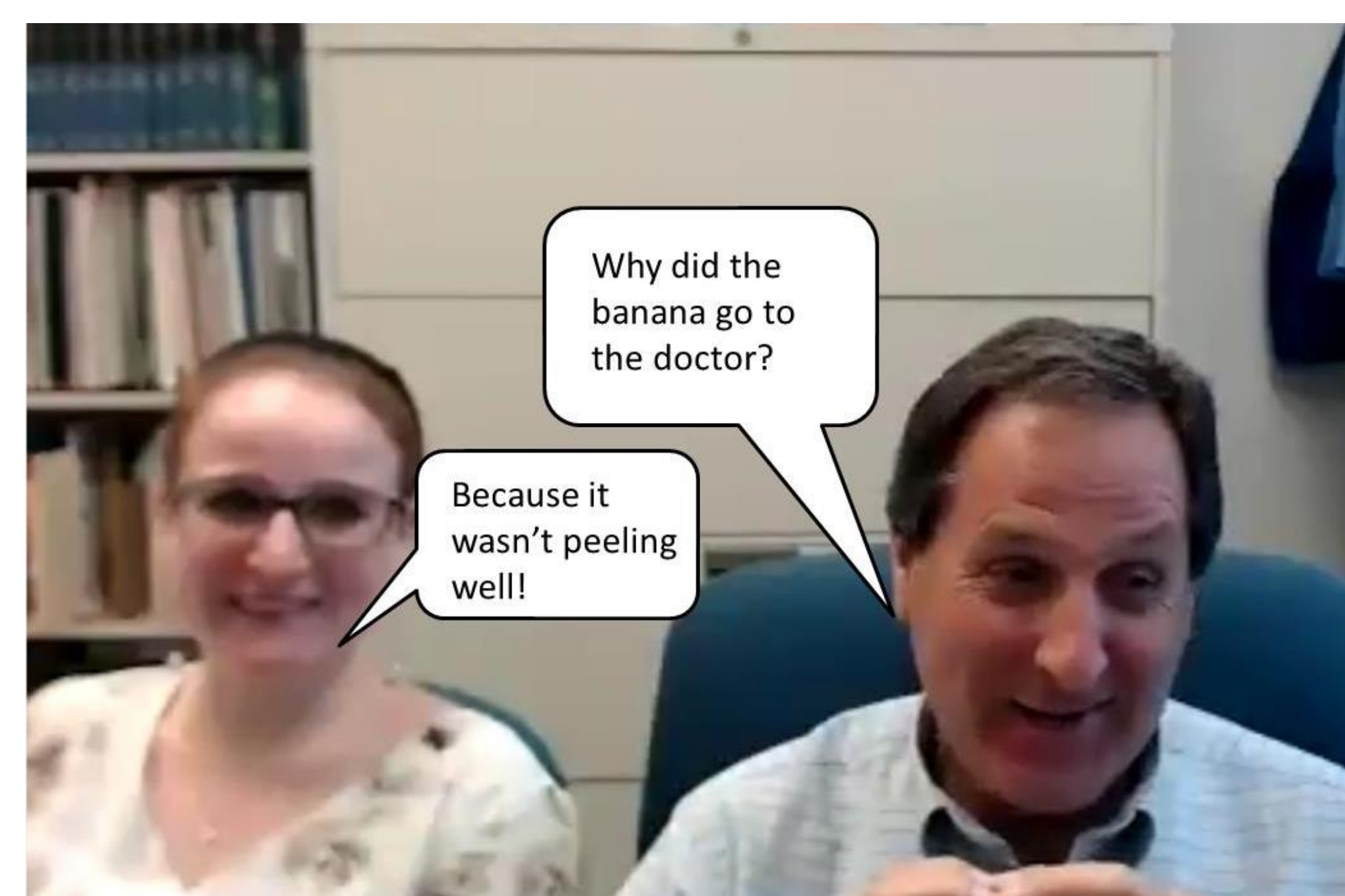
View 2 hrs of archived video lectures per week

Participate in a weekly, 50 min, instructor-led live webinar

Take weekly online quizzes
Complete 2 short writing assignments

Take cumulative final exam

COURSE TOPICS	Adverse Consequences of Farming	Climate Change and Agriculture	International Agriculture
Agriculture's evolution and revolution	Food Processing and Packaging	Genetic Engineering in Crops & Livestock	Agricultural Pests and Impacts
Population and Food	Farm Energy Balance	Human Nutrition	Immigration and Farm Labor
Feeding the World Today	Farming Systems and Sustainability	Food Safety	Agricultural Economics Basics



Plant Pathologists are weird...

Hot topic! Find a current or recent article that has appeared in the popular printed media (web, magazine, newspaper, etc.) that relates to an issue discussed in any of the first five lecture modules

State the overall theme of the article, summarize key points, and indicate how it relates specifically to our discussions.	If the author expresses an opinion (e.g., an editorial), be sure to indicate what that opinion is.	Explain whether the report or the author's viewpoints are consistent or inconsistent with the material from class.	Please be sure to provide the citation for the article in your essay.
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