LEARNING ABOUT LOCAL
AT IOWA STATE UNIVERSITY
A Resource Guide to all things local from ISU:
From classes and clubs to Extension work
and everything in between

i. ISU Extension and Outreach departments engaged in local food work.

ii. ISU organizations and initiatives engaged in local food work

iii. How can ISU Students become engaged in local foods at ISU?

By Margaret Connelly and Alice Topaloff
(ISU Extension and Outreach – Local Foods)
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ETHICAL EATING CLUB

GREEN UMBRELLA CLUB

MEAT SCIENCE CLUB

DAIRY SCIENCE CLUB

HORTICULTURE CLUB

STUDENT ORGANIC FARM

THE S.H.O.P.

SUSTAINABLE AGRICULTURE STUDENT ASSOCIATION

UNDERGRADUATE AND GRADUATE CLASSES

COLLEGE OF AGRICULTURE

COLLEGE OF HUMAN SCIENCES

COLLEGE OF LIBERAL ARTS AND SCIENCES

COLLEGE OF BUSINESS

COLLEGE OF DESIGN

SCHOOL OF EDUCATION
Iowa State University Extension and Outreach departments engaged in local food work

Inter-department initiatives:

- Iowa Food System Working Group

Agriculture and Natural Resources

Human Sciences

Community and Economic Development

4-H
Iowa Food System Working Group (IFSWG)

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Mission
The Iowa Food System Working Group (IFSWG) was established in 2012 to increase the efficiency and effectiveness and maximize resources of Extension programs related to local food systems. Today IFSWG’s steering committee consists of 29 Iowa State University Extension and Outreach field, county and campus staff and faculty from various colleges, departments and counties.

What they do
IFSWG steering committee members meet on a quarterly basis to provide updates on projects, brainstorm on challenges in their work, and ask for help from other partners. Relationships formed as a result of participating in this group have led to collaborations on grant proposals, partnership development with internal and external partners on programs and projects, and creating awareness around ISU resources related to local food systems.

IFSWG current members

4H
Taylor, Cayla

Community and Economic Development
Gaffey, Abigail
Wolseth, Jon

Department of Economics
Artz, Georgeanne

Industrial and Manufacturing Systems Engineering
Krejci, Caroline

Design
Anderson, Nadia

Dining
Rodekamp, Karen

Food Science
Shaw, Angela

Horticulture
Hannan, Joseph
Nair, Ajay
DeBlieck, Susan
Cochran, Diana

Human Sciences
Baumgartner, Cindy
Strohbehn, Catherine

Human Sciences
Hradek, Christine
Rodriguez-Salamanca, Lina

Integrated Pest Management
Long, Courtney

Local Foods Team
Enderton, Arlene
Bregendahl, Corene

NREM
Chase, Craig

Regional Director
Topaloff, Alice

Regional Food Coordinator
Lyons, Savannah

Value Added Agriculture
Pattillo, D. Allen
Wrage, Richard

Naeve, Linda

DeBlieck, Susan

Hannan, Joseph
Nair, Ajay
DeBlieck, Susan
Cochran, Diana

Baumgartner, Cindy
Strohbehn, Catherine
Agriculture and Natural Resources (ANR) Initiatives, Teams and Programs

Inter-department initiatives:

- Alternative Agriculture
- Organic Agriculture

Horticulture

- Iowa Produce
- Sustainable Vegetable Production Lab
- Master Gardener

Local Foods Team

Fisheries and Aquaculture

Value Added Agriculture

- Small Farm Sustainability
- Midwest Wine and Grape Industry Institute
- Agricultural Marketing Resource Center
  - Market Maker™
  - Market Ready
  - Midwest Wine and Grape Industry Institute
  - Small Farm Sustainability
INTER-DEPARTMENT INITIATIVES

Alternative agriculture
www.extension.iastate.edu/alternativeag/

Contact
Dr. Kathleen Delate
kdelate@iastate.edu

Mission
The Alternative Agriculture in Iowa website is designed to assist producers, processors, marketers, business owners, policy makers, researchers and the general public with information on alternatives to Iowa’s traditional crops (corn and soybeans).

What they do
The Alternative Agriculture in Iowa website provides information to users to aid in efforts to become more diversified, profitable, and/or environmentally responsible. Evidence based and peer-reviewed material is featured from Agronomy and Horticulture (alternative crops), Economics (farm management and profitability), Animal Science (alternative livestock and forages), Organic Agriculture (crops and livestock), Economic Development, Value-added Agriculture, and Natural Resource Management (environmental considerations).
Organic agriculture
www.extension.iastate.edu/organicag/

Contact
Dr. Kathleen Delate
kdelate@iastate.edu

Mission
The mission of the Organic Agriculture Program at ISU is to educate producers, consumers and policy makers about the research and extension activities in organic agriculture both on-farm and within the University.

What they do
In order to provide research information and extension presentations for Iowa citizens, the Organic Agriculture Program facilitates field days, workshops and an Annual Iowa Organic Conference every November. A 16-week course on "Organic Agriculture" is offered every other year. Publications address topics such as: organic apple production in Iowa; growing organic vegetables in Iowa; using organic agriculture and sustainable crops and livestock in the local food system; growing organic soybeans on CRP; soil quality; and weed management.

Spotlight: The annual Iowa Organic Conference, sponsored by ISU Extension and Outreach, University of Iowa and other groups takes place every fall. Find out more here: http://sustainability.uiowa.edu/2015-iowa-organic-conference
Iowa Produce
www.iowaproduce.org

Contact
Joseph Hannan
jmhannan@iastate.edu

About
IowaProduce.org website is a resource offering current information for commercial fruit and vegetable producers. Joe Hannan’s monthly newsletter includes timely notes on various seasonal topics as well as information about upcoming field days and workshops.

The Sustainable Vegetable Lab
www.extension.iastate.edu/vegetablelab

Contact
Dr. Ajay Nair
nairajay@iastate.edu

About
The lab focuses on developing strategies that enhance crop production, soil health, and cropping system profitability in Iowa’s vegetable cropping systems. One of the key research areas is the use of cover crops to build soil organic matter and improve soil quality. The primary emphasis is on helping growers understand uses of cover crops and how they can effectively fit into crop rotations. The lab closely works with growers and is involved in many on-farm cover crop trials. In addition to cover crops, research focuses on how soil amendments, such as compost and biochar, affect long-term sustainability of Iowa soils.
Fruit Specialization

Contact
Diana Cochran
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About
In 2014 Diana Cochran became the fruit specialist for Iowa State University Extension and Outreach. Her emphasis is on fruit production and viticulture. Diana also is leading the hops experiment at the ISU Horticulture Research Station, with the goal of evaluating hop cultivars under Iowa growing conditions in order to determine appropriate fertility programs.
Master Gardener
www.mastergardener.iastate.edu

Contact
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Mission
The mission of the Iowa State University Extension Master Gardener Program is to provide current, research-based, home horticulture information and education to the citizens of Iowa through programs and projects. Through their participation in educational activities, Master Gardeners increase their personal knowledge about horticulture and share their experiences and expertise through volunteer activities in their communities.

What they do
Master Gardeners are individuals who have received in-depth training and share their time and expertise as volunteers in community gardens, school gardens, farmers’ markets, and more. The Master Gardener training program includes 40 hours of horticulture education (offered in Extension county offices) followed by 40 hours of volunteering on horticultural programs and projects in the community. These gardeners often are very involved in building and supporting local food systems.

How you can get involved
Become a Master Gardener yourself! Contact your local extension county office to find out more: http://www.extension.iastate.edu/content/county-offices

Spotlight: Mini-grants are available to active Master Gardeners to fund local projects aimed at increasing access to healthy foods for families experiencing poverty in Iowa. Learn more here: http://www.mastergardener.iastate.edu/info/FoodSecurityMiniGrant.pdf
LOCAL FOODS TEAM

Website: www.extension.iastate.edu/localfoods
Facebook: Local Foods – ISU Extension and Outreach

Contact
Craig Chase
cchase@iastate.edu

Mission
The Local Foods Team’s mission is to support resilient food systems and healthy communities through research, education, and community engagement with diverse partners.

What they do
The Local Foods Team focuses on four main issues:
- Increasing the profitability of local food farmers and entrepreneurs
- Increasing the number of profitable beginning farmers
- Increasing the number of communities developing inclusive local food systems
- Evaluating local food systems progress

Spotlight: The Regional Food System Working Group (RFSWG) is comprised of 15 geographically based practitioners and community leaders with a goal to increase the investment in and support for local and regional food businesses in Iowa. The group was convened in 2003 by the Leopold Center, and is facilitated today by the Local Foods Team. For the past three years, coordinators from the 15 regional food groups have collected data on the impact of the local food industry on Iowa’s economy. The latest study of group outcomes reported that responding farmers sold more than $13 million in 2013 and the local food systems created 118 new jobs in 2013. http://www.leopold.iastate.edu/regional-food-systems-working-group
FISHERIES AND AQUACULTURE

www.nrem.iastate.edu/fisheries/

Contact
D. Allen Pattillo
pattillo@iastate.edu

Mission
Fisheries and Aquaculture Extension focuses on supporting Iowa landowners, private industry and natural resource agencies by researching, training, and educating Iowans about the state’s aquatic natural resources.

What they do
The lab focuses on aquaculture production, aquaponics, pond and aquatic plant management. Recent interest in recirculating aquaculture has led farmers to renovate or construct livestock confinement buildings for the purpose of growing fish, which is supported by extension efforts. Aquaponics is a new and expanding field in sustainable agriculture that combines fish culture and hydroponics into a closed-loop production system. Research from the lab has focused in this area regarding fish and plant species, hydroponic techniques, lighting technologies, economics, and food safety.

Spotlight: In 2014, aquaponics was featured at ISU’s Reiman Gardens in the “Bio-Dome” display. It ran from April through November, and attracted more than 41,000 visitors. The 6-month centerpiece was designed to give visitors an idea of what agriculture might look like in space. On display were nine different grow techniques for plants including nutrient film technique (NFT), Dutch pots, tower gardens, deep water culture, and aeroponics. An array of plants from flowers to fruits and vegetables to herbs and leafy greens were grown. Tilapia and Redclaw Crayfish were on display as the nutrient-generating engine for the plants. And a solids and biological filter was fitted in-line to carry out the critical nitrogen cycle that converts fish waste to plant food. Produce generated in the "Bio-dome" was donated to Plant a Row for the Hungry, a local Ames food bank.
VALUE ADDED AGRICULTURE

www.extension.iastate.edu/valueaddedag

Contact
Ray Hansen
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Mission
The mission of the Value Added Agriculture Program (VAAP) is to foster economic development in rural Iowa by increasing the profit margins that Iowa producers receive for their products; expanding producers’ awareness of entrepreneurial opportunities; offering information on value-added opportunities, methods, trends, and activities to the Iowa producer interested in doing things differently; and enhancing the ability of Iowans to supply the highest value crops and livestock matched to end-users.

What they do
VAAP assists companies with marketing and business plans; publicizes new opportunities; assists in technology transfer; develops a directory of value-added resources for Iowa; guides the producers and communities to the appropriate sources; monitors trends and developments; accesses financial opportunities available for companies; performs marketplace research under contract and looks for opportunities to use technologies from different industries in agriculture and processing.

Spotlight: Annie’s Project is an educational program dedicated to strengthening women’s roles in the modern farm enterprise. Through six educational sessions, Annie’s Project fosters problem solving, record keeping and decision-making skills in farm women. The Project also builds agricultural risk management skills for women and helps them put those skills to work on their own farms to increase profitability, rural quality of life and national food security. The Value Added Ag Program serves as the national office for the program, in partnership with the ISU Extension Farm Management team.
Agricultural Marketing Resource Center (AgMRC)

http://www.agmrc.org/

Contact
Christa Hartsook
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About
AgMRC is a virtual library of agricultural value-added opportunities, business development and consulting resources for producers.

What you can use it for
Producers can investigate specific commodity information on many different niche opportunities and locate specific laws, consultants and individual contacts within their own state to assist them in the grant application process. The consultant database available on the website includes specific commodity consultants, business development consultants and those consultants who specialize in grant writing.
**Market Maker™**

[www.marketmakeriowa.com](http://www.marketmakeriowa.com)

**Contact**

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**About**

The MarketMaker™ Partners Network is a growing partnership of land grant universities, departments of agriculture, and food and agricultural organizations investing in a coordinated effort to build a virtual infrastructure that brings healthier, fresher, and more flavorful food to the average consumer.

**What you can use it for**

The MarketMaker™ research tool is an interactive mapping resource for identifying target markets, developing customized census profiles and mapping food-related businesses over demographic maps. This resource is designed to help researchers, policy makers and marketing instructors, as well as lenders and agricultural entrepreneurs develop business plans.

With this tool, you can:
- Identify and map regions with the **highest per capita consumption of produce and meats**.
- Build a **customized census profile** for a target market area or region of interest.
- **Find and map farmers’ markets, processors, markets, wholesalers, and retailers.**
Market Ready™
http://www.extension.iastate.edu/valueaddedag/content/market-ready-food-safety-training

Contact
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About
Iowa MarketReady™ Training is for local food producers (fruit, vegetable, meat, dairy, eggs and value-added products) who currently sell their products direct to consumers (farmers’ markets, CSA, roadside stands, etc.) and are looking to scale up to wholesale marketing to restaurants, grocery stores and institutions.

How it works
The training is divided into two parts.
- The first is a pre-workshop activity that includes watching an online course with three modules:
  1. Introduction to MarketReady™,
  2. Food Safety for Wholesale Markets, and
- The second is a day-long, face-to-face workshop, covering a wide variety of topics including: communication and relationship building, packaging, labels, supply/delivery, post-harvest handling for produce, etc.

Find out more about workshop dates and locations on the website.
Midwest Wine and Grape Industry Institute

www.extension.iastate.edu/wine

Contact
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About
The Midwest Wine and Grape Industry Institute aims to support the state’s evolving grape and wine industry because there are significant potential economic opportunities in wineries, value-added agriculture and tourism.

What they do
Conduct research to evaluate cold-hardy grape varieties that can thrive in the Midwest
- Conduct enology (the science of wine and wine making) research
- Develop a wine quality award program that will offer wine buyers a quality-assurance stamp of approval
- Establish an outreach program to the industry by training a team of specialists
- Partner with community colleges to develop job training programs specific to growing grapes and making wine.

Spotlight: The Northern Grapes Project focuses on viticulture, enology, and marketing for cold-hardy grapes. The research conducted through this project will help producers overcome production and marketing constraints and increase the profitability and sustainability of emerging cold climate grape and wine industries in the Midwest and Northeast. The project also focuses on outreach efforts.
Small Farm Sustainability
http://www.extension.iastate.edu/smallfarms/

Contact
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Mission
The Small Farm Sustainability program exists to open the door to relationships and resources relevant to the pursuit of sustainability for Iowa’s smaller-scale, entrepreneurial farm enterprises. By sharing science-based information, providing program leadership, and facilitating collaboration, they will promote planning and profit potential in specialty agriculture ventures that tend to increase stewardship, diversity, and resilience on the Iowa farmscape.

What they do
The Small Farm Sustainability program provides resources and information that is related to planning and management, marketing and food systems, alternative and specialty crops, as well as niche livestock. The Acreage Living Newsletter is a free, online publication that updates Iowans about small farms and sustainable agriculture issues and the Small Farm Sustainability podcast series also is available for free on their website.

Spotlight: The Small Farm Sustainability program hosts the annual “Iowa Small Farms Conference”. Visit the Small Farms website for more information.
Human Sciences
Initiatives, Teams and Programs

Food Safety
(in partnership with Agriculture and Natural Resources)

Nutrition and Wellness
**Food Safety**

[www.iowafoodsafety.org](http://www.iowafoodsafety.org)  
[www.safeproduce.cals.iastate.edu](http://www.safeproduce.cals.iastate.edu)

**Contact**

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Dr. Shannon Coleman  
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**About**

Human Sciences Extension and Outreach staff members strive to promote healthy people, healthy economies, and healthy environments. They provide research-based information and education to help families and businesses make decisions that improve their quality of life. Human Sciences and Agriculture and Natural Resources Extension and Outreach Food Safety specialists help ensure safety of locally grown foods from farm to fork by providing on-farm food safety GAPs training, resources for Farm to School and Farm to Restaurant initiatives, and information for those adding value to Iowa grown foods purchased at farmers’ markets.

**What they do**

The Safe Produce website ([http://www.safeproduce.cals.iastate.edu/](http://www.safeproduce.cals.iastate.edu/)) has information about Good Agricultural Practices (GAP) workshops, as well as online food safety trainings for farmer’s markets, school gardens, university farms, and community gardens.

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* Dr. Shaw is housed under Agriculture and Natural Resources Extension; Drs. Strohbehn and Coleman are within Human Sciences Extension.

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**Spotlight:** A new local food friend has joined the Human Sciences department! **Shannon Coleman** is a new ISU assistant professor in food science and human nutrition. She loves working with children and has shared food safety materials with underrepresented high school and middle school students. Using her experience and expertise, she will aid ISU in helping small acre farmers and home-based food businesses ensure the safety of their products while also advancing the study of microbiology and food safety.
Nutrition and Wellness

[www.extension.iastate.edu/humansciences/nutrition-education]

Contact
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Mission
Through the Expanded Food and Nutrition Education Program (EFNEP) and Family Nutrition Program (FNP), families strengthen communication, decision-making, and problem-solving skills as taught by the lessons. These life skills help participants obtain employment and nurture family relationships.

What they do
EFNEP and FNP help young low-resource families with children develop the knowledge, skills, attitudes and behavior needed to improve their diet. Iowa State’s Nutrition and Wellness specialists also write a blog called “Spend Smart, Eat Smart” featuring recipes that use healthy, low-cost ingredients.
Community and Economic Development
Initiatives, Teams and Programs

Community Design Lab
Nonprofit Management Academy
Community Design Lab
www.research.design.iastate.edu/communitydesignlab/

Contact
isucdl@iastate.edu

Mission
The Community Design Lab (CDL) partners with communities and organizations to combine local knowledge and design research expertise to create equity and resilience through inclusive, transferable, innovative strategies and tactics.

What they do
The Community Design Lab is a partnership between the ISU College of Design and the Office of Extension and Outreach. The CDL encompasses many fields of expertise including landscape architecture, architecture, sustainable agriculture, community and regional planning, and community engagement. Partnership with communities is the foundation for the CDL efforts. While CDL brings professional expertise and research-driven methodology to the table, the local knowledge and decision-making provided by community partners is essential to success.

Spotlight: The Agricultural Urbanism Toolkit is a project of the CDL, funded in part by the Leopold Center for Sustainable Agriculture. The process promotes public interest design through engagement with community leaders, leading to a holistic design incorporating community values around food. The agricultural urbanism tactics are used to promote local food system revitalization in communities. It involves a four-stage process that includes community capacity-building, research and analysis of existing conditions, design, and implementation of each community’s chosen tactics. Cedar Rapids, Des Moines and Cresco are entering the second and third phases of the toolkit; Cass County, Dubuque and the Mason City area have recently been selected to enter the first phase of the process. Find out more about the Ag Urbanism Toolkit and how you can get involved in your community here:
http://research.design.iastate.edu/communitydesignlab/agricultural-urbanism-toolkit/
Nonprofit Management Academy

www.extension.iastate.edu/communities/npma

Contact
Brian Perry
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Mission
The Nonprofit Management Academy enhances the management skills of those serving nonprofit human services groups, hospitals, government agencies, churches, private schools, arts organizations, environmental groups, and others in the nonprofit sector. Distinguished representatives of the nonprofit sector served as advisers to develop this program. Outstanding practitioners and academicians teach the courses.

What they do
The Nonprofit Management Academy is offered by Iowa State University Extension and Outreach and offers training in nonprofit management, governance, fundraising, fiscal management, leadership and more. The Academy is hosted by county Extension offices throughout the state, with the assistance and input of local nonprofits. The Academy consists of 10 full-day classes, one day per month, over a year. There is usually a fee for each class, and a certificate is available on completion of all classes.

What the classes will cover
Course themes include:
- Strategic Planning
- Community Outreach and Internal Marketing
- Developing into a Dynamic Leader
- Organizational Culture and Leadership
- Fundraising: Making Sense of It
- Models of Collaboration: Nonprofit Organizations Working Together
- Nonprofit Board Engagement
- Nonprofits and Social Media
- Inclusion – Cultural Competence
4-H and Youth
Initiatives, Teams and Programs

Growing in the Garden
Growing in the Garden: Local Foods Healthy Living

http://www.extension.iastate.edu/4h/page/curricula-info-ordering

Contact
Cayla Taylor
Cayla@iastate.edu

What they do
The Growing in the Garden: Local Foods Healthy Living curriculum is intended for youth gardening programs in schools, afterschool and summer programs, community and neighborhood gardens, farm to school, agriculture in the classroom, nutrition programs, and Master Gardening projects. It is especially helpful for elementary-age children as an in-school and out-of-school curriculum and is great for school gardening programs.

The seven units are organized to address questions such as: Why do people garden? How do you plan, plant, maintain and harvest a garden? How do you store and prepare garden produce? How can you expand your garden all year long?

Each unit includes a general background section and two to three lessons that are aligned with the Iowa 4-H Youth Development program priorities as well as the Common Core and Iowa core subject standards for grades K-4. It also can be adapted for students in fifth grade through college.

The curriculum is available for sale through the ISUEO online store: https://store.extension.iastate.edu/Product/Growing-in-the-Garden-Local-Foods-and-Healthy-Living-Curriculum. It is part of the 4-H Connecting Learning and Living Program that Taylor directs.
Organizations and Initiatives at Iowa State University

Leopold Center for Sustainable Agriculture
Agriculture Entrepreneurship Initiative
Horticulture Research Station
Leopold Center for Sustainable Agriculture
Marketing and Food Systems Initiative
www.leopold.iastate.edu

Contact
Craig Chase
cchase@iastate.edu

Mission
The Leopold Center is a research and education center on the campus of Iowa State University. It was created to identify and reduce negative environmental and social impacts of farming and develop new ways to farm profitably while conserving natural resources. The Center's work is focused in these research initiatives - ecological systems, marketing and food systems, policy and cross-cutting which bridges many areas (water, energy, soil and alternative farming systems).

What they do
A portion of the state fees assessed on nitrogen fertilizer and pesticide registrations provide support for research, education and administration of Center programs. The Leopold Center makes funds available to researchers and educators at all Iowa colleges and universities, and to investigators at private, nonprofit agencies and foundations in the state. Since 1988, the Leopold Center has awarded more than 500 competitive grants. The Center's mission includes an educational component to inform the agricultural community and the general public about its research.

Spotlight: Since 2013, Lutheran Services of Iowa’s Global Greens Program has helped refugees reconnect with the land by coordinating land access, production education and business development training. “We aren’t teaching them how to farm,” says Farm Marketing Specialist Jess Soulis, “They already know how to grow, but there are a lot of new crops to learn, and they have to adapt what they know about farming to Iowa’s seasons.” The Global Greens Program helps find them space in community gardens, where they experience their first introduction to growing in the Midwest. Following these initial experiences, many refugees are interested in starting small farm businesses, and LSI selects promising candidates from that pool to move on to Phase 2 of their program: growing on increasingly larger plots of land—first, a 50-by-50 foot area and then a quarter-acre sized plot—and selling their produce at farmers’ markets. Find out more about this program at: http://lsiowa.org/index.php/services/refugee/programs/global-greens/
Agricultural Entrepreneurship Initiative
www.agei.cals.iastate.edu

Contact
Carly Cummings
carlyc@iastate.edu

Mission
➢ To provide students with practical business development and entrepreneurial experiences essential for their success in future careers and endeavors.
➢ To provide outreach programs designed for agribusiness executives and decision makers allowing them to pursue new opportunities, incubate innovation, develop resources, and push their organizations forward.

What they do
The Iowa State University Agricultural Entrepreneurship Initiative (AgEI) was established in 2005 with a $1.6 million gift from Roger and Connie Underwood. Since its launch, the AgEI program has seen abundant growth in student involvement and outreach programs. More than 300 students participate in events each year, allowing them to experience entrepreneurship first-hand. Outreach efforts have expanded to include an annual Entrepreneurial Agribusiness Executive Conference (EAEC) as well as partnership opportunities through international and domestic courses.

Spotlight: Find internship opportunities in local food-related businesses on the Agricultural Entrepreneurship Initiative’s website.
Horticulture Research Station

https://foodlo.cals.iastate.edu/horticulture-research-station

Contact
Nick Howell
nhowell@iastate.edu

About
Established in 1965 and located approximately 4 miles north of Ames, the 230-acre ISU Horticulture Research Station has become one of the premier outdoor laboratories for faculty, staff, and students in the College of Agriculture, and for our many adult, life-long learners. Supporting all three University missions (research, teaching, and outreach/Extension), the Station is located on a beautiful and secluded tract of land only a short drive from central campus. The Station’s natural setting and suite of applied/hands-on activities create the ideal environment for experiential learning by both current and prospective students. Horticulture crop research includes work with apples, strawberries, grapes, tomatoes, peppers, sweet potatoes and melons. In addition research is ongoing for cover crops, ornamental shrubs, turfgrass, shade trees, flowering crabs, and hydrangeas.

Details
Location: 55519 170th St. Ames, IA 50010
Phone: (515) 232-4786
Size: 235 acres
Owner: Iowa State University

The Horticulture Research Station is open from 7:30a.m.-4:00p.m. Monday-Friday. Requests for tours of the station are always welcome, but should be scheduled in advance.

Spotlight: There are many other unique projects located at the Horticulture Research Station including:
- biorenewable potting alternatives,
- aquaculture research,
- projects with turtles, prairie restoration,
- tree swallows research,
- apiology, and
- West Nile virus monitoring.
For Students at Iowa State University

ISU Dining Services
Rising Stars internship
FoodCorps
Student clubs and associations
Classes
Iowa State University Dining Services

http://www.dining.iastate.edu/farm

Contact
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Mission
The mission of Farm to ISU is to promote the interaction between local producers and ISU by increasing purchases of local products that can be sourced within Iowa. This in turn strengthens Iowa's economy while also providing fresh, local options to students and staff. It helps build bridges between Iowa State University to rural and urban Iowa communities around the state.

About
In 2007, Iowa State University’s dining services initiated the Farm to ISU program to increase its purchases of local, organic, and alternatively produced agricultural products. Since then ISU Dining staff has built relationships with many farmers and agricultural organizations.

Spotlight:
ISU Dining services’ goals are to:
- To source products to local origin within the state of Iowa
- Provide fresh, local products to the Iowa State University community
- Strengthen Iowa’s economy through the purchases of local products from producers, companies, and local entrepreneurs
- Connect Iowa State University faculty, staff, and students to rural and urban communities
Rising Stars

www.extension.iastate.edu/sioux/content/rising-star-internship-program-summer-2015

Contact
Bob Dodds  redodds@iastate.edu
Cheryl Heronemus hero@iastate.edu

About
The Rising Star Internship Program is a cooperative effort between the Iowa State University Colleges of Design and Human Sciences and Iowa State University Extension and Outreach. During this three-month summer program, ISU students are given opportunities to engage with local food issues in northwest and southeast Iowa.

What they do
Rising Star interns work to further education and knowledge of local food systems in northwest and southeast Iowa (more regions may be involved soon... stay tuned!). Interns come from varied backgrounds, ranging from nutrition to community planning. After a brief immersion period, interns work with the local county extension office hosting them to find local food topics they would like to work on in within the community.

Spotlight: Some of the projects that Rising Stars worked on in the summer of 2014 included:
- Designing community gardens
- Writing a cookbook for 5th graders
- Connecting local producers to local institutions
- Researching ways to increase redemption rates of WIC Farmers Market certificates
- Setting up a garden demonstration wagon

To learn more about previous projects, see the Northwest Iowa’s Rising Stars blog - http://www.flavorsofnorthwestiowa.org/rising-stars-blog or go to https://cyhire.iastate.edu/ to apply!
FoodCorps

https://foodcorps.org/

Contact
Chelsea Krist, FoodCorps Fellow for Iowa
Chelsea.krist@foodcorps.org

About
FoodCorps is a nationwide team of leaders that connects kids to real food and helps them grow up healthy. FoodCorps places these leaders in limited-resource communities for a year of public service where they conduct hands-on food education, build and tend school gardens, and facilitate getting high-quality local food into public school cafeterias. So far this year these service members have reached over 55,000 children in 15 states.

ISU Extension and Outreach – Local Foods hosts the FoodCorps statewide program in Iowa. Eleven FoodCorps members in Iowa are currently serving in and around Des Moines, Waterloo, Cedar Rapids, Davenport, Decorah and Ottumwa. Visit https://foodcorps.org/where-we-work/iowa to learn more about their service sites.

What they do
Find out more about what FoodCorps Iowa members do by visiting their Facebook page: https://www.facebook.com/FoodCorpsIowa or their blog: http://iowa.blog.foodcorps.org
STUDENT CLUBS AND ASSOCIATIONS

Ethical Eating Club
www.stuorg.iastate.edu/site/eeciastate
Facebook: ISU Ethical Eating Club

About
The club’s primary focus is vegetarianism/veganism, but given the complex nature of the issues at hand and the plethora of subcategories, the club’s scope was broadened to support any and all steps toward a more moral way of eating. The goal is to open-mindedly and inclusively advocate a rational, ethical approach to all aspects of one’s diet. In other words, although they mainly support vegetarianism/veganism, they will still be accepting of all and promote friendly interpersonal debate/discussion. Their main activities will be activism- and education-related, and they also would like to lobby for change at on/off campus food retailers. Meetings (whether weekly or bimonthly), will focus on planning the above events/activities as well as advancing their own understanding of the issues at hand.

Green Umbrella Club
www.livegreen.iastate.edu/connect/livegreen-groups/student-organization/green-umbrella
Facebook: ISU Green Umbrella

About
The mission of The Green Umbrella is to bring together different student sustainability organizations to make Iowa State students more aware of sustainable efforts around them.

Their goals are three-fold:
1. Create an open forum for discussion about Green Initiatives at ISU.
2. Speak as one voice to ISU administration about student sustainability issues.
3. Brainstorm ways to teach students how they can make their lives more sustainably, how they can participate in Go Green efforts, and how they can voice their opinions on sustainable issues.
Meat Science Club

www.ans.iastate.edu/meat-science-club
Facebook: Iowa State Meat Science Club

About
The Meat Science Club is designed to assist students with an interest in Meat Science through numerous opportunities provided at the University and professional levels. The Meat Science Club provides information about meat industry internships and job opportunities to its members.

Meat Science Club members receive **hands-on experience** and develop **networking skills** through involvement with the Iowa State Meat Laboratory Extension Services. The Meat Science Club partners with the Iowa State Meat Laboratory for hands-on training. The Meat Lab also offers short courses to the public, and sells meat processed in their facility. Check them out at 164 Meats Lab in Kildee Hall.

Dairy Science Club

www.ans.iastate.edu/undergraduate/extracurricular/clubs/dairy-science-club
Facebook: ISU Dairy Science Club

About
The Dairy Science Club’s mission is to promote fellowship among those at Iowa State University who are interested in the dairy industry, establish contact between students and others in the dairy industry, and foster the development of the dairy industry.

The Dairy Science Club meets on the second Tuesday of each month, September through April, at 7 p.m.
Horticulture Club

http://www.horticultureclub.stuorg.iastate.edu/
Facebook: ISU Horticulture Club

About
The ISU Horticulture Club (Hort Club) is the oldest and one of the most active student organizations in the College of Agriculture and Life Sciences. The club’s mission is to provide fun and educational opportunities for all students with a passion for horticulture. The club fosters a fun, friendly environment for meeting fellow students and other plant enthusiasts. Events range from biweekly meetings, to monthly socials, and even week-long trips. To be a part of the Hort Club, all you need is a willingness to participate; no horticulture experience is required.

General meetings are biweekly, but club activities are always going on! At meetings they welcome guest speakers, host workshops, or serve food and socialize, and discuss club business. They do not ask students to pay dues, but do require attendance at half of the meetings, and 8 hours of participation in club activities per semester to be considered an active member.

Student Organic Farm

www.isustudentorganicfarm.weebly.com
Facebook: ISU Student Organic Farm

About
Since the Student Organic Farm began in the fall of 1996, students have managed all aspects of the 6-acre farm. The farm currently is organized as a working CSA farm. The farm’s goals are to:

- Create a functioning farm that is both educational and productive.
- Practice and experiment with organic production methods.
- Increase community awareness and support of local food systems.
- Encourage students from all majors to learn more about farming and food systems in general.
**The S.H.O.P.**

http://www.theshop.stuorg.iastate.edu/

Facebook: StudentsHelpingOurPeers

**About**
The SHOP (Students Helping Our Peers) was created by a group of ISU students looking to give back to the University. Their mission is to help ISU students in need of food assistance. Housed in Room 2612 of the Food Science Building, the SHOP is run completely by volunteers and the food is obtained through donations. Students are welcome to stop in and receive food; no records are kept so this service completely anonymous. SHOP hours are Tuesday 3-6 p.m., Wednesday 11-6 p.m. and Thursday 3-6 p.m.

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**Sustainable Agriculture Student Association**

www.sust.ag.iastate.edu/gpsa/sasa.html

Facebook: Sustainable Agriculture Student Association (SASA)

**About**
ASA is a student-led organization that works to promote sustainable agriculture, consumer outreach and education, and improvement of current agricultural practices. Membership is open to students, faculty, alumni, and spouses/partners. The association maintains affiliations with the Leopold Center for Sustainable Agriculture, Practical Farmers of Iowa, The Land Institute, and the Iowa Natural Heritage Foundation. Student members meet monthly to discuss a range of topics (GMO legislation and research), plan events (Local Food Cycle), invite guest speakers (Vandana Shiva), and report on pressing issues (Bakken Pipeline). A large element of SASA’s programming is hosting a meal every month for Food at First, a free meal program in Ames. Volunteers spend time gardening in the plot behind the Trinity Christian Reformed Church. Food grown there is donated to Food at First. All are welcome to help out on garden work days!
UNDERGRADUATE AND GRADUATE CLASSES

College of Agriculture
- Agricultural and Life Sciences Education
- Agricultural and Biosystems Engineering
- Agronomy
- Environmental Sciences
- Horticulture
- Sustainable Agriculture

College of Human Sciences
- Food Science and Human Nutrition
- Apparel, Events, and Hospitality Management

College of Liberal Arts and Sciences
- Anthropology
- Economics
- History
- Political Science
- Sociology

College of Business
- Accounting
- Management

College of Design
- Community and Regional Planning
- Landscape Architecture

School of Education
- Educational Leadership and Resource Economics
**College of Agriculture**

### Agricultural and Life Sciences Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AgEds 450</td>
<td>Farm Management and Operation</td>
</tr>
<tr>
<td>AgEds 451</td>
<td>Agricultural Law</td>
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<tr>
<td>AgEds 465, AgEds 465A</td>
<td>Horticulture Enterprise Management</td>
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<tr>
<td>AgEds 465B</td>
<td>A: Planting</td>
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<tr>
<td>AgEds 465C</td>
<td>B: Harvesting</td>
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<td></td>
<td>C: Marketing</td>
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<td>AgEds 524</td>
<td>Program Development and Evaluation in Agricultural and Extension Education</td>
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<td>AgEds 533</td>
<td>Introduction to Learning Theory in Agricultural Education</td>
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### Agricultural and Biosystems Engineering

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<td>ABE 501</td>
<td>Fundamentals of Biorenewable Resources</td>
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### Agronomy

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>Agron 342</td>
<td>World Food Issues: Past and Present</td>
</tr>
<tr>
<td>Agron 450</td>
<td>Issues in Sustainable Agriculture</td>
</tr>
<tr>
<td>Agron 497</td>
<td>Agroecology Field Course</td>
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<td>Agron 504</td>
<td>Global change</td>
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### Environmental Sciences

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<tr>
<td>EnSci 301</td>
<td>Natural Resource Ecology and Soils</td>
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**Horticulture**

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<tr>
<td>Hort 121</td>
<td>Home Horticulture</td>
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<td>Hort 122</td>
<td>Hands-on Home horticulture</td>
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<td>Hort 221</td>
<td>Principles of Horticulture</td>
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<tr>
<td>Hort 276</td>
<td>Understanding Grape and Wine Science</td>
</tr>
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<td>Hort 434</td>
<td>Greenhouse Crop Production I</td>
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<td>Hort 435</td>
<td>Greenhouse Crop Production II</td>
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<tr>
<td>Hort 461</td>
<td>Fruit and Nut Crop Production and Management</td>
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<tr>
<td>Hort 465</td>
<td>Horticulture Enterprise Management</td>
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<tr>
<td>Hort 471</td>
<td>Vegetable Production and Management</td>
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<td>Hort 484</td>
<td>Organic Agriculture Theory and Practice</td>
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**Sustainable Agriculture**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SUSAG 509</td>
<td>Agroecosystems Analysis</td>
</tr>
<tr>
<td>SUSAG 515</td>
<td>Integrated Crop and Livestock Production Systems</td>
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<tr>
<td>SUSAG 530</td>
<td>Ecologically Based Pest Management Strategies.</td>
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<td>SUSAG 546</td>
<td>Strategies for Diversified Food and Farming Systems</td>
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<td>SUSAG 571</td>
<td>Agroforestry Systems.</td>
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<td>SUSAG 584</td>
<td>Organic Agricultural Theory and Practice.</td>
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<td>SUSAG 600</td>
<td>Sustainable Agriculture colloquium</td>
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<td>SUSAG 610.</td>
<td>Foundations of Sustainable Agriculture.</td>
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</table>
## College of Human Sciences

### Food Science and Human Nutrition

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>FS HN 342</td>
<td>World Food Issues: Past and Present.</td>
</tr>
<tr>
<td>FS HN 403</td>
<td>Food Laws, Regulations, and the Regulatory Process</td>
</tr>
<tr>
<td>FS HN 405</td>
<td>Food Quality Assurance.</td>
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<tr>
<td>FS HN 442</td>
<td>Issues in Food and Society.</td>
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<td>FS HN 463</td>
<td>Community Nutrition.</td>
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### Apparel, Events, and Hospitality Management

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<th>Course</th>
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<tbody>
<tr>
<td>AESHM 342</td>
<td>Aesthetics of Consumer Experiences</td>
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<tr>
<td>AESHM 379</td>
<td>Community Leadership: Examination of Social Issues</td>
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<tr>
<td>AESHM 474</td>
<td>Entrepreneurship in Human Sciences</td>
</tr>
<tr>
<td>HSP M 233</td>
<td>Hospitality Sanitation and Safety</td>
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<td>HSP M 260</td>
<td>Global Tourism Management</td>
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<tr>
<td>HSP M 333</td>
<td>Hospitality Operations Cost Controls</td>
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<tr>
<td>HSP M 380 L</td>
<td>Quantity Food Production and Service Management Experience</td>
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<tr>
<td>HSP M 391</td>
<td>Foodservice Systems Management</td>
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</table>
# College of Liberal Arts and Sciences

## Anthropology

<table>
<thead>
<tr>
<th>Anthr 518</th>
<th>Global Culture, Consumption and Modernity</th>
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<tbody>
<tr>
<td>Anthr 532</td>
<td>Current Issues in Native North America</td>
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<td>Anthr 536</td>
<td>Global Development</td>
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## Economics

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<thead>
<tr>
<th>Econ 334</th>
<th>Entrepreneurship in Agriculture</th>
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<tr>
<td>Econ 336</td>
<td>Agricultural Selling</td>
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<td>Econ 446</td>
<td>Agricultural Finance</td>
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<td>Econ 320</td>
<td>Farm Business Management</td>
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<td>Small Business Management</td>
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<td>Econ 235</td>
<td>Introduction to Agricultural Markets</td>
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<td>Econ 364</td>
<td>Rural Property Appraisal</td>
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<td>Econ 385</td>
<td>Economic Development</td>
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<td>Econ 466</td>
<td>Agricultural Finance</td>
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<td>Econ 560</td>
<td>Agricultural, Food, and trade Policy</td>
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<td>Econ 580</td>
<td>Intermediate Environmental and Resource Economics</td>
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## History

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<tbody>
<tr>
<td>Hist 365</td>
<td>History of American Agriculture I</td>
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<td>Hist 366</td>
<td>History of American Agriculture II</td>
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<tr>
<td>Hist 470</td>
<td>History of Iowa</td>
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<td>Hist 468</td>
<td>History of Rural America</td>
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## Political Science

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<td>Pol S 570</td>
<td>Politics and Management of Nonprofit Organizations.</td>
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<td>Pol S 571</td>
<td>Organizational Theory in the Public Sector.</td>
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## Sociology

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<tr>
<td>SOC 310</td>
<td>Community</td>
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<tr>
<td>SOC 325</td>
<td>Transition in Agriculture</td>
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<tr>
<td>SOC 330</td>
<td>Ethnic and Race Relations</td>
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<td>SOC 331</td>
<td>Social Class and Inequity</td>
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<td>SOC 362</td>
<td>Applied Ethics in Agriculture</td>
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<td>SOC 382</td>
<td>Environmental Sociology</td>
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<td>SOC 415</td>
<td>Dynamics of Social Change</td>
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<td>Soc 536</td>
<td>Strategies for Community Engagement in Food and Farming Systems</td>
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<td>Soc 544</td>
<td>Sociology of Food and Agricultural Systems</td>
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<td>Soc 549</td>
<td>Sociology of the Environment</td>
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### College of Business

#### Accounting

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<td>Acct 284</td>
<td>Financial Accounting</td>
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#### Management

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<tr>
<td>Mgmt 310</td>
<td>Entrepreneurship and Innovation</td>
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## College of Design

### Community and Regional Planning

<table>
<thead>
<tr>
<th>CRP 435</th>
<th>Planning in Small towns</th>
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<tbody>
<tr>
<td>CRP 455</td>
<td>Community Economic Development</td>
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<td>CRP 475</td>
<td>Grant Writing</td>
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<tr>
<td>CRP 484</td>
<td>Sustainable Communities</td>
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<tr>
<td>CRP 566</td>
<td>Values and Decision Making</td>
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### Landscape Architecture

<table>
<thead>
<tr>
<th>LA 272</th>
<th>Cultural Landscape Studies</th>
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<tr>
<td>LA 401</td>
<td>Community Design</td>
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## School of Education

### Educational Leadership and Resource Economics

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<tr>
<td>ELPS 620</td>
<td>Social Justice Theory, Research, and Practice</td>
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<tr>
<td>ELPS 621</td>
<td>Pedagogies of Dissent: Radical Theories of Education, Social Justice, and Democracy</td>
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<tr>
<td>ELPS 622</td>
<td>Decolonizing Praxis: Anti/post-colonial theory, Research, and Practice.</td>
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<td>ELPS 624</td>
<td>Critical Race Theory in Higher Education</td>
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<td>ELPS 625</td>
<td>Sexual Orientation Issues in Higher Education</td>
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<tr>
<td>ELPS 626</td>
<td>Social justice and Social Change in Higher Education</td>
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