

[View Outline](#)View: [Compressed](#) | [Expanded](#)

Organic Certification

[Print friendly](#)**1. Course Alpha. See HELP for information.**

AG

2. Course Number. See HELP for information.

113

3. Course Title/Catalog Title. See HELP for information.

Organic Certification

4. Number of Credits. See HELP for information.

1

5. Contact Hours/Type. See HELP for information.

- Hour lecture (1)

6. Course Description. See HELP for information.

Outlines the requirements for certified organic farms. Examines the process of transitioning to organic farming. Examines and evaluates record keeping requirements and accepted products and practices.

7. Pre-Requisites. Please click on HELP icon for style sheet.

none

8. Co-requisites

none

9. Recommended Preparation.

none

10. Is this a cross-listed course? See help for information.

NO

11. Reason for Proposal. Why is this course being proposed or modified? See help for information, as this question requires specific information as part of the explanation.

Hour lab

Examines requirements for Organic Certification, record keeping requirements, accepted practices and products.

A new course to cover the specific legal requirements for Organic Certification. Production classes would apply the methods but don't have the time to cover all the aspects of certification. This will allow a focus for those students who want to certify their farms.

Leeward has AG 112 Introduction to Organic Agriculture (4) that looks at organic methods and sustainable agriculture but not focused specifically certification requirements. UHM has TPSS 220 Organic Food Production (2) but this is a survey course on organic methods and farm visits. AG 113 has a more specific focus and is 1 credit.

12. Effective Semester and Year. For new or modified courses, the effective year is one year from the semester proposed. For example, if proposed in Spring 2012, the effective semester is Spring 2013. See help for more information.

Fall 2012

13. Grading Method. What grading methods may be used for this course? See help for information.

- Standard (Letter,Cr/NCr,Audit) (0)

14. Is this course repeatable for credit? How often can this course be counted toward a degree or certificate? See help for information.

NO

15. DO NOT ENTER TEXT IN THE TEXT BOX BELOW. Click on the yellow button "COURSE LEARNING OUTCOMES" and enter in that screen. Course Student Learning Outcomes (Course SLOs). These need to be added before the connections are made in question 20. See help for information.

Course SLO/Competency	Explain the genesis of certified organic.	List agencies and organizations involved in certification of farms and the development of organic certification rules.	Explain the rule making process.	Summarize the basic standards for certified organic practices and products.	Describe the certification process for farms in transition.	Describe the record keeping and inspection requirements to maintain certification.	List common products for fertility management and pest control that are allowed for certified organic production.	Describe common cultural practices that are accepted for certified organic production including rules on compost and manures, animal husbandry, soil management, and post harvest handling.
Locate and interpret the national organic certification standards.	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
Describe the certification process.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Identify products and practices that are acceptable for certified organic production.							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Course SLO/GESLO	Information Retrieval and Technology - Access, evaluate, and utilize information effectively, ethically, and responsibly.
Locate and interpret the national organic certification standards.	<input checked="" type="checkbox"/>
Describe the certification process.	<input checked="" type="checkbox"/>
Identify products and practices that are acceptable for certified organic production.	<input checked="" type="checkbox"/>

Course SLO/PSLO	Recommend cultural practices, solve problems, plan projects, and cultivate

	horticultural crops in a sustainable manner based on sound biological and technological principles.
Locate and interpret the national organic certification standards.	<input checked="" type="checkbox"/>
Describe the certification process.	<input checked="" type="checkbox"/>
Identify products and practices that are acceptable for certified organic production.	<input checked="" type="checkbox"/>

16. DO NOT ENTER TEXT IN THE TEXT BOX BELOW. Click on the yellow button "COURSE COMPETENCIES/ISSUES/SKILLS" and enter text in that screen. Competencies/Concepts/Issues/Skills

Competency/Content	Review the history of organic certification and the creation of the USDA certified organic program. (1 wk)	Examine the agencies and organizations involved in the organic certification process (1-3 wks)	Examine the rule making process that creates the certified organic rules. (1-2 wks)	Examine the basic philosophies behind what is considered acceptable in organic production. (1-3 wks)	Examine and discuss standard practices that are acceptable in organic certification. (1-4wks)	Examine the certification process for farms including the transition of a conventional farm to a certified organic farm. (1-3wks)	Examine the recordkeeping and inspection regulations for transitioning and certified farms. (1-4 wks)	Review common OMRI certified products used as amendments for fertility and for pest control. (2-5wks)	Examine rules and practices that are acceptable for organic growers in compost production, use of manures, animal management, soil management and post harvest handling of organic farm products. (2-5 wks)
Explain the genesis of certified organic.									
List agencies and organizations involved in certification of farms and the development of organic certification rules.									
Explain the rule making process.									
Summarize the basic standards for certified organic practices and products.									
Describe the certification process for farms in transition.									
Describe the record keeping and inspection requirements to maintain certification.									
List common products for fertility management and pest control that are allowed for certified organic production.									
Describe common cultural practices that are accepted for certified organic production including rules on compost and manures, animal husbandry, soil									

management, and post harvest handling.									
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17. DO NOT ENTER TEXT IN THE TEXT BOX BELOW. Click on the yellow button "RECOMMENDED COURSE CONTENT..." and enter text in that screen. Recommended Course Content and Timeline. See HELP for information.

Content
Review the history of organic certification and the creation of the USDA certified organic program. (1 wk)
Examine the agencies and organizations involved in the organic certification process (1-3 wks)
Examine the rule making process that creates the certified organic rules. (1-2 wks)
Examine the basic philosophies behind what is considered acceptable in organic production. (1-3 wks)
Examine and discuss standard practices that are acceptable in organic certification. (1-4wks)
Examine the certification process for farms including the transition of a conventional farm to a certified organic farm. (1-3wks)
Examine the recordkeeping and inspection regulations for transitioning and certified farms. (1-4 wks)
Review common OMRI certified products used as amendments for fertility and for pest control. (2-5wks)
Examine rules and practices that are acceptable for organic growers in compost production, use of manures, animal management, soil management and post harvest handling of organic farm products. (2-5 wks)

18. Recommended Evaluation and Assessment Methods. See help for information.

- Includes, but is not limited to: group discussions, group projects, group presentations, group exercises, group/team work in- and out-side of the classroom; appropriate rubrics. (0)
- Includes, but is not limited to: assignments done outside of class in any discipline, such as math problems, reading and questions, chapter questions, critical thinking questions, class preparation; appropriate rubrics. (0)
- Includes, but is not limited to: attendance, participation, readings, art projects, media reviews, reactions to speakers, critical thinking exercises, or reflective exercises; appropriate rubrics. (0)
- Includes, but is not limited to: essay tests, objective tests, mid-term and final exams, unit exams, quizzes of all types, tests may be written, oral, computerized, in-class, take-home, at testing sites; appropriate rubrics. (0)

Method of Evaluation	Includes, but is not limited to: assignments done outside of class in any discipline, such as math problems, reading and questions, chapter questions, critical thinking questions, class preparation; appropriate rubrics.	Includes, but is not limited to: attendance, participation, readings, art projects, media reviews, reactions to speakers, critical thinking exercises, or reflective exercises; appropriate rubrics.	Includes, but is not limited to: essay tests, objective tests, mid-term and final exams, unit exams, quizzes of all types, tests may be written, oral, computerized, in-class, take-home, at testing sites; appropriate rubrics.	Includes, but is not limited to: group discussions, group projects, group presentations, group exercises, group/team work in- and out-side of the classroom; appropriate rubrics.
Course SLOs				
Locate and interpret the national organic certification standards.				
Describe the certification process.				
Identify products and practices that are acceptable for certified organic production.				
Course Competencies				
Explain the genesis of certified organic.				
List agencies and organizations involved in certification of farms and the development of organic certification rules.				
Explain the rule making process.				
Summarize the basic standards for certified organic practices and products.				

Describe the certification process for farms in transition.				
Describe the record keeping and inspection requirements to maintain certification.				
List common products for fertility management and pest control that are allowed for certified organic production.				
Describe common cultural practices that are accepted for certified organic production including rules on compost and manures, animal husbandry, soil management, and post harvest handling.				

Method of Evaluation
Includes, but is not limited to: assignments done outside of class in any discipline, such as math problems, reading and questions, chapter questions, critical thinking questions, class preparation; appropriate rubrics.
Includes, but is not limited to: attendance, participation, readings, art projects, media reviews, reactions to speakers, critical thinking exercises, or reflective exercises; appropriate rubrics.
Includes, but is not limited to: essay tests, objective tests, mid-term and final exams, unit exams, quizzes of all types, tests may be written, oral, computerized, in-class, take-home, at testing sites; appropriate rubrics.
Includes, but is not limited to: group discussions, group projects, group presentations, group exercises, group/team work in- and outside of the classroom; appropriate rubrics.

19. DO NOT ENTER TEXT IN THE TEXT BOX BELOW. Click on the yellow button "PLOs" and enter text in that screen. Program Student Learning Outcomes (PLOs) supported by this course. If you are not a "program" use the Liberal Arts PLOs, view them by clicking on the HELP icon.

Program SLO
Recommend cultural practices, solve problems, plan projects, and cultivate horticultural crops in a sustainable manner based on sound biological and technological principles.

20. General Education Student Learner Outcomes (CASLOs). FIRST, fill out the CASLO grid located in the UHMC tab above. Click on the HELP icon for tips on determining support for the CASLOs and indicate your choices below by clicking on the box in front of each supported CASLO. NOTE: Our campus does not use the Preparatory Level, Level 1 and Level 2 designations in the chart below.

<input type="checkbox"/>	Creativity - Able to express originality through a variety of forms.
<input type="checkbox"/>	Critical Thinking - Apply critical thinking skills to effectively address the challenges and solve problems.
<input checked="" type="checkbox"/>	Information Retrieval and Technology - Access, evaluate, and utilize information effectively, ethically, and responsibly. <input checked="" type="checkbox"/> Preparatory Level
<input type="checkbox"/>	Oral Communication - Practice ethical and responsible oral communications appropriately to a variety of audiences and purposes.
<input type="checkbox"/>	Quantitative Reasoning - Synthesize and articulate information using appropriate mathematical methods to solve problems of quantitative reasoning accurately and appropriately.
<input type="checkbox"/>	Written Communication - Write effectively to convey ideas that meet the needs of specific audiences and purposes.

	Creativity	Critical Thinking	Information Retrieval and Technology	Oral Communication	Quantitative Reasoning	Written Communication
Includes, but is not limited to: assignments done outside of class in any discipline, such as math problems, reading and questions, chapter questions, critical thinking questions, class preparation; appropriate rubrics.			<input checked="" type="checkbox"/>			
Includes, but is not limited to: attendance, participation, readings, art projects, media reviews, reactions to speakers, critical thinking exercises, or reflective exercises; appropriate rubrics.						
Includes, but is not limited to: essay tests, objective tests, mid-term and final exams, unit exams, quizzes of all types, tests may be written, oral, computerized, in-class, take-home, at testing sites; appropriate rubrics.						
Includes, but is not limited to: group discussions, group projects, group presentations, group exercises, group/team work in- and out-side of the classroom; appropriate rubrics.						

GenED SLO
Information Retrieval and Technology - Access, evaluate, and utilize information effectively, ethically, and responsibly.

21. Linking Items in Course Outline. CLICK ON CHAIN LINK ICON IN UPPER RIGHT HAND CORNER TO BEGIN LINKING. See HELP for more information on Linking.

22. Method(s) of delivery appropriate for this course. See Help for information.

- Cable TV (0)
- Classroom/Lab (0)
- HITS/Interactive TV (0)
- Hybrid (0)
- Online (0)

23. Text and Materials, Reference Materials, and Auxiliary Materials. See Help for information.

no text

Materials - online sources USDA organic certification rules

24. Maximum enrollment. See Help for information.

24 Maximum of the agriculture classroom.

25. Particular room type requirement. Is this course restricted to particular room type? See Help for information.

NO

26. Special scheduling considerations. Are there special scheduling considerations for this course? See Help for information.

NO

27. Are special or additional resources needed for this course? See Help for information.

none

28. Does this course require special fees to be paid for by students? See Help for information.

NO

29. Does this course change the number of required credit hours in a degree or certificate? See help for information.

no

30. Course designation(s) for the Liberal Arts A.A. degree and/or for the college's other associate degrees. See Help for information.

Degree	Program	Category
AA Liberal Arts:	AA	LE - Elective
AS:		
AAS:	AG and NR - Sustainable Tropical Crop Mgt.	PE - Program Elective
BAS:		
Developmental/ Remedial:		

31. Course designation(s) for other colleges in the UH system.

Sustainable Tropical Crop Management AAS - elective

32. Indicate the year and page # of UHMC catalog referred to. For new or modified courses, please indicate the catalog pages that need to be modified to reflect the new or modified course and provide sheet outlining catalog changes.

2011-2012

33. General Education Student Learner Outcomes (CASLOs). Please click on the HELP icon for more information.

Standard 1 - Written Communication Write effectively to convey ideas that meet the needs of specific audiences and purposes.		
Outcome 1.1 - Use writing to discover and articulate ideas.		0
Outcome 1.2 - Identify and analyze the audience and purpose for any intended communication.		0
Outcome 1.3 - Choose language, style, and organization appropriate to particular purposes and audiences.		0
Outcome 1.4 - Gather information and document sources appropriately.		1

Outcome 1.5 - Express a main idea as a thesis, hypothesis, or other appropriate statement.		0
Outcome 1.6 - Develop a main idea clearly and concisely with appropriate content.		0
Outcome 1.7 - Demonstrate a mastery of the conventions of writing, including grammar, spelling, and mechanics.		0
Outcome 1.8 - Demonstrate proficiency in revision and editing.		0
Outcome 1.9 - Develop a personal voice in written communication.		0
Standard 2 - Quantitative Reasoning Synthesize and articulate information using appropriate mathematical methods to solve problems of quantitative reasoning accurately and appropriately.		
Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately.		0
Outcome 2.2 - Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.		0
Outcome 2.3 - Communicate clearly and concisely the methods and results of quantitative problem solving.		0
Outcome 2.4 - Formulate and test hypotheses using numerical experimentation.		0
Outcome 2.5 - Define quantitative issues and problems, gather relevant information, analyze that information, and present results.		0
Outcome 2.6 - Assess the validity of statistical conclusions.		0
Standard 3 - Information Retrieval and Technology. Access, evaluate, and utilize information effectively, ethically, and responsibly.		
Outcome 3.1 - Use print and electronic information technology ethically and responsibly.		1
Outcome 3.2 - Demonstrate knowledge of basic vocabulary, concepts, and operations of information retrieval and technology.		0
Outcome 3.3 - Recognize, identify, and define an information need.		1
Outcome 3.4 - Access and retrieve information through print and electronic media, evaluating the accuracy and authenticity of that information.		1
Outcome 3.5 - Create, manage, organize, and communicate information through electronic media.		0
Outcome 3.6 - Recognize changing technologies and make informed choices about their appropriateness and use.		0
Standard 4 - Oral Communication Practice ethical and responsible oral communications appropriately to a variety of audiences and purposes.		
Outcome 4.1 - Identify and analyze the audience and purpose of any intended communication.		0
Outcome 4.2 - Gather, evaluate, select, and organize information for the communication.		0
Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.		0
Outcome 4.4 - Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.		0
Outcome 4.5 - Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.		0
Outcome 4.6 - Use competent oral expression to initiate and sustain discussions.		0
Standard 5 - Critical Thinking Apply critical thinking skills to effectively address the challenges and solve problems.		

Outcome 5.1 - Identify and state problems, issues, arguments, and questions contained in a body of information.		1
Outcome 5.2 - Identify and analyze assumptions and underlying points of view relating to an issue or problem.		0
Outcome 5.3 - Formulate research questions that require descriptive and explanatory analyses.		0
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.		0
Outcome 5.5 - Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, and biases through the use of appropriate evidence.		1
Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.		0
Outcome 5.7 - Synthesize information from various sources, drawing appropriate conclusions.		1
Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasoning.		0
Outcome 5.9 - Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of others.		0
Standard 6 - Creativity Able to express originality through a variety of forms.		
Outcome 6.1: Generate responses to problems and challenges through intuition and non-linear thinking.		0
Outcome 6.2: Explore diverse approaches to solving a problem or addressing a challenge.		0
Outcome 6.3: Sustain engagement in activities without a preconceived purpose.		0
Outcome 6.4: Apply creative principles to discover and express new ideas.		0
Outcome 6.5: Demonstrate the ability to trust and follow one's instincts in the absence of external direction		0
Outcome 6.6: Build upon or adapt the ideas of others to create novel expressions or new solutions.		0

34. Additional Information

Outline Information

Proposer: ANN EMMSLEY
Progress: APPROVAL
Modify Date: 11/15/2011 12:03 PM
Approved Date:

[approval history \(8\)](#) | [Print friendly](#)