

Fiscal Unit/Academic Org Food Agric & Env Sci Adm - D1100
Administering College/Academic Group Food, Agric & Environ Science
Co-administering College/Academic Group
Semester Conversion Designation Re-envisioned with significant changes to program goals and/or curricular requirements (e.g., degree/major name changes, changes in program goals, changes in core requirements, structural changes to tracks/options/courses)
Current Program/Plan Name Production Agriculture Minor
Proposed Program/Plan Name Production Agriculture Minor
Program/Plan Code Abbreviation PRODAG-MN
Current Degree Title

Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		21	14.0	15	1.0
Required credit hours offered by the unit	Minimum	5	3.3	2	1.3
	Maximum	16	10.7	13	2.3
Required credit hours offered outside of the unit	Minimum	5	3.3	2	1.3
	Maximum	16	10.7	13	2.3
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0

Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

Program Learning Goals • Acquire skills and knowledge about production agriculture that compliment those being acquired through the major

Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? No

Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

Pre-Major

Does this Program have a Pre-Major? No

Attachments

- Production Agriculture Minor Quarters.pdf
(Quarter Advising Sheet(s). Owner: Stokoe, Laurie Anne)
- Prod Ag Minor 31 May 11.doc
(Semester Advising Sheet(s). Owner: Stokoe, Laurie Anne)
- Production Agriculture Minor Transition Plan.docx
(Transition Policy. Owner: Stokoe, Laurie Anne)
- final.pdf: Final document for OAA
(Other Supporting Documentation. Owner: Vankeerbergen, Bernadette Chantal)
- FAES Minor Memo-2.pdf: Comments from ASC CCI
(Other Supporting Documentation. Owner: Gustafson, Terry Lee)
- Production Ag Minor revised 81711.doc: Rev to CCI Comm, Adv Sheet, Chair Let
(Semester Advising Sheet(s). Owner: Pfister, Jill Ann)

Comments

- This minor is an interdisciplinary minor within several units in CFAES. *(by Pfister, Jill Ann on 05/30/2011 06:21 PM)*

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Pfister, Jill Ann	06/01/2011 12:28 PM	Submitted for Approval
Approved	Pfister, Jill Ann	06/01/2011 12:29 PM	Unit Approval
Approved	Pfister, Jill Ann	06/01/2011 12:30 PM	College Approval
Approved	Vankeerbergen, Bernadette Chantal	07/19/2011 01:19 PM	ASCCAO Approval
Approved	Gustafson, Terry Lee	07/21/2011 02:47 PM	ASC Approval
Revision Requested	Soave, Melissa A	07/28/2011 09:10 AM	CAA Approval
Submitted	Pfister, Jill Ann	08/16/2011 07:39 PM	Submitted for Approval
Approved	Pfister, Jill Ann	08/16/2011 08:09 PM	Unit Approval
Approved	Pfister, Jill Ann	08/16/2011 08:35 PM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	08/16/2011 08:35 PM	ASCCAO Approval

Letter from Chair and explanation for re-envision

This minor is an interdisciplinary minor and has been coordinated in the past by a committee of three faculty members (representing each of the participating departments) with a chair. This re-envisioned proposal has been developed by the curriculum chairs of each of the units in the College (CFAES College Committee on Academic Affairs) and the Assistant Dean, Academic Affairs. The Assistant Dean, Academic Affairs keyed in the proposal and it is listed under fiscal unit 1100 which is the CFAES administration fiscal unit. The Coordinating Adviser was selected by the curriculum chairs and will be answering student questions, assisting with course selection based on career goals and objectives and making recommendations along with the Assistant Dean, Academic Affairs for revising the minor if necessary.

It is seen as re-envisioned because a fourth category was added, Management Sciences, and the list of options for each category was increased. The structure of the minor is designed to be much more flexible than what is approved for quarters. This is one of the last minors coming out of CFAES because at first we were not going to propose it for semesters. Most of the students who selected this minor in the past were the Agricultural Education majors seeking certification to teach high school agriscience. As a result of changes in DOE certification policies we had to accommodate the Agriscience Education students with the "alternate minor" option. Once we completed the review of all majors and minors and stepped back to see if we were satisfied with where we stood some of the faculty still appreciated a felt need for those students who did have the opportunity to secure positions in the production agriculture sector and therefore developed this minor which may attract more students than it did before because of its flexibility. This is a minor that cannot be used as a catch all minor for those students who do not declare a minor until the end or change minors very late in their program. Thoughtful selection of courses based on career goals and objectives and background of student is expected.

All levels involved with the minor approve the minor and understand the target audience for the minor. It was neat watching this minor re-envision itself in the manner in which it did. Faculty creativity, thoughtfulness and governance worked at its best. I concur with this minor.

Sincerely,

Jill A. Pfister

Michael Lichtensteiger

Jill A. Pfister and
Asst Dean

Michael Lichtensteiger
Coordinating Adviser

PRODUCTION AGRICULTURE MINOR

Draft
8/17/2011

Name _____
Email _____
Major _____

Mike Lichtensteiger, Coordinator
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This minor is intended primarily for students with majors such as Agricultural Systems Management, Agribusiness and Applied Economics, Animal Sciences, Sustainable Plant Systems, Agricultural Communication and Community Leadership who have an interest in production agriculture. This would include students with an opportunity to return to the farm or those whose career plans include employment with large production units or front line companies and agencies providing goods and services to production agriculture. It provides the student with the opportunity to acquire skills and knowledge about production agriculture that compliment those being acquired through the major.

For this minor the student will select at least 15 credit hours of course work that must be approved by their academic advisor and the College of Food, Agricultural, and Environmental Sciences. These courses will be selected from at least two of the areas listed below excluding those from the department in which the student's major resides. Courses at the 2000 level and above that are offered by departments participating in this minor but are not listed below may also be selected.

This curriculum sheet is used to obtain approval of the minor by checking the box beside the desired courses or filling in the blank for any not listed and forwarding it with the advisor's approval to the college office.

Course options	Credit Hours
<u>Agricultural Technology</u> (FABENG Dept)	
<input type="checkbox"/> AGSYSMGT 3550 Animal and Rural Waste Management	2
<input type="checkbox"/> AGSYSMGT 4300 Engineering Applications in Agriculture (Prereq of Math 1130 or 1148)	4
<input type="checkbox"/> AGSYSMGT 4580 Precision Agriculture	2
<input type="checkbox"/> AGSYSMGT 4600 Safety and Health in Agriculture	3
<input type="checkbox"/> _____	
<u>Animal Sciences</u> (Animal Science Dept)	
<input type="checkbox"/> ANIMSCI 2200.01 Introduction to Animal Sciences	3
<input type="checkbox"/> ANIMSCI 3110 Introduction to Meat Science	3
<input type="checkbox"/> ANIMSCI 3130 Principles of Animal Nutrition (Prereq of ANIMSCI 2200.01 and .02)	3
<input type="checkbox"/> ANIMSCI 3140 Principles of Animal Systems Physiology (Prereq of Bio 113)	3
<input type="checkbox"/> ANIMSCI 3150 Principles of Genetic Improvement (Prereq of ANIMSCI 2200.01 and .02)	3
<input type="checkbox"/> _____	
<u>Management Sciences</u> (AED Econ Dept) - Prereq of AEDECON 2001 (200) or Econ 2001 (200)	
<input type="checkbox"/> AEDE 2105 Managerial Records and Analysis	3
<input type="checkbox"/> AEDE 3101 Principles of Agribusiness Management	3
<input type="checkbox"/> AEDE 3104 Farm Business Management	3
<input type="checkbox"/> AEDE 3123 Grain Marketing	3
<input type="checkbox"/> AEDE 3160 Human Resource Management in Small Businesses	2
<input type="checkbox"/> AEDE 4170 Agricultural Law	3
<input type="checkbox"/> _____	
<u>Plant and Related Sciences</u> (HCS, ENR, Entomology and Plant Pathology Depts) – Prereq of Bio 1101 or 1113 or SPS 2201 or 2202	
<input type="checkbox"/> ENR 3000 Soil Science	3
<input type="checkbox"/> ENR 4260 Soil Resource Management	3
<input type="checkbox"/> Entom 4603 Agricultural Entomology	2
<input type="checkbox"/> HCS 2200 Science of Sustainable Plant Production	3
<input type="checkbox"/> HCS 4411 Grain, Oilseed and Fiber Crops	3
<input type="checkbox"/> HCS 5412 Forages, Grasslands, and Prairies	3
<input type="checkbox"/> HCS 5422 Principles of Weed Ecology and Management	3
<input type="checkbox"/> Plant Path 3001 General Plant Pathology Lecture	2
<input type="checkbox"/> _____	

Restrictions and General Information

1. A minimum overall GPA for courses comprising the minor shall be 2.00.
2. An approved plan for this minor must be on file by the time a student accumulates 60 hours.
3. Courses taken on a pass/non pass basis may not be applied to the minor.
4. A maximum of one course may overlap between the minor and the GE (Writing and Communication, Foreign Language, Literature, Visual and Performing Arts, Culture and Ideas, Historical Study, Quantitative Reasoning, Data Analysis, Natural Science, Social Science, Cross-Disciplinary Seminar, Service-Learning, Education Abroad).
5. At least six hours must be at the 3000 level or above.

The maximum benefit of this minor will generally occur when the minor is declared and a course work plan approved as early in the student's academic career as possible, ideally by the time the student accumulates 60 credit hours. Therefore it will be only for exceptional circumstances that this minor will be approved after 90 hours are completed. Any changes to this minor after it has been approved must be requested using the "Petition for Change in Minor Requirements" form.

Approval Signatures:

Date:

Student _____

Academic Advisor _____

College of FAES _____

PRODUCTION AGRICULTURE MINOR (412)

College of Food, Agricultural,
and Environmental Sciences
The Ohio State University

Dr. Joe A. Gliem
Chair, Coordinating Committee
208 Agricultural Administration
2120 Fyffe Road; Tel. 292-6321

The minor in Production Agriculture provides an understanding of biological, chemical, and physical science principles important for converting energy to agricultural output. This knowledge provides a foundation for employment in (1) firms that service farm businesses, produce farm commodities, or buy and process farm output; (2) government and educational institutions that serve the farm community; and (3) government agencies that monitor farm and farm-related businesses. Students majoring in Agricultural and Construction Systems Management, Agricultural Systems Management, Construction Systems Management, Animal Sciences, Crop Science, Landscape Horticulture, Soil Sciences, and Turfgrass Science should select Option 2. All others should select Option 1.

Option 1

At least two courses must be selected in each of the following areas: Agronomic Sciences, Animal Sciences, and Physical Systems. The course shown in “**bold**” in an area must be taken and then any of the other listed courses within the area may be selected.

Option 2

Students majoring in Agricultural and Construction Systems Management, Agricultural Systems Management, Construction Systems Management, Animal Sciences, Crop Science, Landscape Horticulture, Soil Sciences, and Turfgrass Science cannot count courses in their major area of study toward completion of this minor. Students must take at least three courses in each of the two areas not related to the major. The course shown in “**bold**” in an area must be taken and then any of the other listed courses within the area may be selected.

The Production Agriculture minor consists of 21-25 credit hours:

Course Options		Credit Hours
<u>Agronomic Sciences:</u>		
H&CS 200	Crop Science	5
ENR 300.01 & 300.02	Soil Science w/ Laboratory (both courses must be taken)	5
ENR 442	Soil Management	5
H&CS 411	Grain Crops	3
H&CS 412	Forage Crops	3
H&CS 414	Crop Science Laboratory (provided H&CS 411 and/or 412 are taken concurrently with or before H&CS 414)	2
H&CS 422	Principles of Weed Science	4
<u>Animal Sciences:</u>		
ANIM SCI 200	Introductory Animal Sciences	5
ANIM SCI 310	Principles of Animal Systems Physiology	5
ANIM SCI 320	Principles of Genetic Improvement	5
ANIM SCI 330	Principles of Animal Nutrition	5
ANIM SCI 355.01	Principles of Meat Science	3
<u>Physical Systems:</u>		
AGSYSMGT 300	Applied Engineering in Agriculture I	3
AGSYSMGT 301	Applied Engineering in Agriculture II	3
AGSYSMGT 232	Small Air-Cooled Engines	4
AGSYSMGT 240	Basic Metal Fabrication for Agriculture	4
AGSYSMGT 241	Building Materials and Construction in Agriculture	4
AGSYSMGT 580	Precision Agriculture	3

Restrictions and General Information

1. A minimum overall CPHR for courses comprising the minor shall be 2.0.
2. A minor should be declared at the time a student accumulates 90 hours.
3. A maximum of five credit hours may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities and social sciences).
4. Courses taken on a pass/non pass basis may not be applied to the minor.

Production Agriculture Minor Transition Plan

The College of Food, Agricultural, and Environmental Sciences (CFAES) is committed to students' progress toward and completion of degrees. This is a converted minor and will not extend a student's time at OSU. In fact, it is more flexible compared to the quarter conversion, but does require a student to declare this minor early. We don't want students putting this minor together just prior to graduation for lack of a different minor. Thought and planned selection of courses is important for this minor to prepare a student for employment with large production units or front line companies and agencies providing goods and services to production agriculture.