| | |
|---|---|
| **Fiscal Unit/Academic Org** | Food Agric & Env Sci Adm - D1100 |
| **Administering College/Academic Group** | Food, Agric & Environ Science |
| **Co-adminstering College/Academic Group** | |
| **Semester Conversion Designation** | Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content) |
| **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)*

## 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 |
| Pending Approval | Vankeerbergen,Bernadette Chantal<br>Hanlin,Deborah Kay<br>Nolen,Dawn<br>Jenkins,Mary Ellen Bigler<br>Meyers,Catherine Anne | 06/01/2011 12:30 PM | ASCCAO Approval |

# PRODUCTION AGRICULTURE MINOR

**Draft**
**26 Apr 11**

**Name _____**
**Email _____**
**Major _____**

**Mike Lichtensteiger, Coordinator**
**216 Ag Engineering, 590 Woody Hayes**
**614-292-9351, lichtensteiger.2@osu.edu**

This minor is intended primarily for students with majors such as Agricultural Systems Management, Agricultural and Environmental Development Economics or Sustainable Plant Systems 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 is 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** |
|---|---|
| **Agricultural Technology** (FABENG Dept) | |
| □ AGSYSMGT 3550 Animal and Rural Waste Management | 2 |
| □ AGSYSMGT 4300 Engineering Applications in Agriculture | 3 |
| □ AGSYSMGT 4580 Precision Agriculture | 2 |
| □ AGSYSMGT 4600 Safety and Health in Agriculture | 3 |
| □ _____ | |
| **Animal Sciences** (Animal Science Dept) | |
| □ ANIMSCI 2200.01 Introduction to Animal Sciences | 3 |
| □ ANIMSCI 3110 Introduction to Meat Science | 3 |
| □ ANIMSCI 3130 Principles of Animal Nutrition | 3 |
| □ ANIMSCI 3140 Principles of Animal Systems Physiology | 3 |
| □ ANIMSCI 3150 Principles of Genetic Improvement | 3 |
| □ _____ | |
| **Management Sciences** (AED Econ Dept) | |
| □ AEDE 2105 Managerial Records and Analysis | 3 |
| □ AEDE 3101 Principles of Agribusiness Management | 3 |
| □ AEDE 3104 Farm Business Management | 3 |
| □ AEDE 3123 Grain Marketing | 3 |
| □ AEDE 3160 Human Resource Management in Small Businesses | 2 |
| □ AEDE 4170 Agricultural Law | 3 |
| □ _____ | |
| **Plant and Related Sciences** (HCS, ENR, Entomology and Plant Pathology Depts) | |
| □ ENR 3000 Soil Science | 3 |
| □ ENR 4260 Soil Resource Management | 3 |
| □ Entom 4603 Agricultural Entomology | 2 |
| □ HCS 2200 Science of Sustainable Plant Production | 3 |
| □ HCS 4411 Grain, Oilseed and Fiber Crops | 3 |
| □ HCS 5412 Forages, Grasslands, and Prairies | 3 |
| □ HCS 5422 Principles of Weed Ecology and Management | 3 |
| □ Plant Path 3001 General Plant Pathology Lecture | 2 |
| □ _____ | |

**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** |
|---|---|---|
| Agronomic Sciences: | | |
| **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 |
| Animal Sciences: | | |
| **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 |
| Physical Systems: | | |
| **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.**

9/16/08

## 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.