

| | |
|--|--|
| Fiscal Unit/Academic Org | Agric, Envrnmtl & Devlp Econ - D1114 |
| Administering College/Academic Group | Food, Agric & Environ Science |
| Co-administering 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 | Agribusiness Minor |
| Proposed Program/Plan Name | Agribusiness Minor |
| Program/Plan Code Abbreviation | AGBUSAE-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 | | 23 | 15.3 | 12 | 3.3 |
| Required credit hours offered by the unit | Minimum | 13 | 8.7 | 6 | 2.7 |
| | Maximum | 23 | 15.3 | 9 | 6.3 |
| Required credit hours offered outside of the unit | Minimum | 0 | 0.0 | 0 | 0.0 |
| | Maximum | 10 | 6.7 | 6 | 0.7 |
| Required prerequisite credit hours not included above | Minimum | 5 | 3.3 | 3 | 0.3 |
| | Maximum | 5 | 3.3 | 3 | 0.3 |

Explain any change in credit hours if the difference is more than 4 semester credit hours between the values listed in columns B and C for any row in the above table

In the quarter system, the Agribusiness minor was at the high end of maximum credit hours which is reduced significantly because of the conversion to semester hours.

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**
- Students will understand the business concepts important for effective agribusiness decision-making and the role of economic constraints in the efficient operation of an agribusiness firm.

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

- AED Econ Chair Semester Letter ASC.pdf: Chair Letter
(Transition Policy. Owner: Sheller, Susan Marie)
- AGRIBUSINESS MINOR 2010.doc: Current minor
(Quarter Advising Sheet(s). Owner: Sheller, Susan Marie)
- CCI Subcommittee Chair Letter FAESMinors.doc: CCI Subcommittee Chair Letter
(Other Supporting Documentation. Owner: Vankeerbergen, Bernadette Chantal)
- AGRIBUSINESS MINOR 2012 ASC version.doc: Semester minor
(Semester Advising Sheet(s). Owner: Sheller, Susan Marie)

CommentsWorkflow Information

| Status | User(s) | Date/Time | Step |
|--------------------|---|---------------------|------------------------|
| Submitted | Sheller, Susan Marie | 01/18/2011 07:39 AM | Submitted for Approval |
| Approved | Sheller, Susan Marie | 01/18/2011 07:50 AM | Unit Approval |
| Revision Requested | Pfister, Jill Ann | 01/18/2011 08:02 AM | College Approval |
| Submitted | Sheller, Susan Marie | 01/18/2011 08:30 AM | Submitted for Approval |
| Approved | Sheller, Susan Marie | 01/18/2011 08:31 AM | Unit Approval |
| Approved | Pfister, Jill Ann | 01/19/2011 12:14 PM | College Approval |
| Revision Requested | Vankeerbergen, Bernadette Chantal | 02/15/2011 03:10 PM | ASCCAO Approval |
| Submitted | Sheller, Susan Marie | 03/02/2011 01:22 PM | Submitted for Approval |
| Approved | Pfister, Jill Ann | 03/03/2011 07:46 AM | Unit Approval |
| Approved | Pfister, Jill Ann | 03/03/2011 10:09 AM | College Approval |
| Revision Requested | Vankeerbergen, Bernadette Chantal | 03/08/2011 10:53 AM | ASCCAO Approval |
| Submitted | Sheller, Susan Marie | 04/07/2011 01:02 PM | Submitted for Approval |
| Approved | Pfister, Jill Ann | 05/05/2011 08:27 AM | Unit Approval |
| Approved | Pfister, Jill Ann | 05/05/2011 08:30 AM | College Approval |
| Revision Requested | Vankeerbergen, Bernadette Chantal | 05/31/2011 08:45 AM | ASCCAO Approval |
| Submitted | Sheller, Susan Marie | 06/01/2011 12:30 PM | Submitted for Approval |
| Approved | Sheller, Susan Marie | 06/01/2011 12:31 PM | Unit Approval |
| Approved | Pfister, Jill Ann | 06/02/2011 03:18 PM | College Approval |
| Pending Approval | Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay | 06/02/2011 03:18 PM | ASCCAO Approval |



Department of English

421 Denney Hall
164 W. 17th Avenue
Columbus, OH 43210

Tel: (614) 292-6065
Fax: (614) 292-7816
english.osu.edu

To: Larry Krissek, Chair, Committee on Curriculum and Instruction (CCI)
From: James Fredal, Chair, CCI Social, Behavioral, Biological, Mathematical and Physical Sciences Subcommittee
Re: Semester Conversion Proposals for FAES Minors

Date: May 10, 2011

Larry:

The Sciences subcommittee of the CCI has been reviewing semester conversion proposals for the a number of minors from FAES. All but two were approved with contingencies which have since been addressed and they have been resubmitted. The final two were approved recently (5/9) with contingencies and forward directly to CCI for review and final revision. A few of these minors have added a prerequisite of Econ/AED Econ 2001 (noted below). The PACER chart in some cases also shows this as a quarter prerequisite (of 5 hours) though such a prerequisite does not appear on the relevant quarter advising sheets. We missed this on the first pass, and CCI may want to ask them to change the prerequisite/quarter box on those PACER charts from 5 back to 0 (zero). Comments for each minor are listed below. Comment for the final two a slightly more substantial as they have not yet been sent back for revision.

- 1) **Turfgrass Management:** This minor converts from its quarter equivalent with only minor changes. It includes a core of two courses (down from three quarter courses), and 6-8 hours of elective courses for a total of 13-15 hours. The proposal had a couple of errors on the PACER form which have been corrected and it now appears ready to move forward.
- 2) **Landscape Design and Management** (formerly Landscape Horticulture): This minor is being proposed with a name change to better reflect the breadth and focus of the minor. The minor will include 2 required core courses (from three semester courses) and 6-9 hours of elective courses (from 9-10 semester hours). In other ways, the proposal amounts to a straightforward conversion from the quarter version. The PACER form lists it as having minimal changes, but that should probably be changed because it's undergoing a name change. A few extraneous documents were removed and credit hour numbers corrected, and it seems now ready for approval.
- 3) **Horticulture:** Horticulture converts unproblematically from its quarter version. Students will take 1 core course (from two choices, vs. two of three choices in the quarter version) and 9-11 elective hours (vs. 10-16 quarter hours) for a minor of 13-15 hours (vs. 20-25 quarter hours). We asked that some extraneous documents be removed and approved the proposal for CCI consideration.
- 4) **Agronomy:** This minor also includes a request for a name change from Crop Science to Agronomy as more widely used and better understood among the farming community. In other ways, the conversion is straightforward, involving one required course and a set of electives. As with other minors, we asked that some extraneous material be removed. The PACER chart, it seems, still needs correction though: The minimum required hours offered by the unit should be 4

rather than 13. Also, since it's going to get a name change, it should be listed as undergoing significant rather than minimal change on the PACER form. Otherwise this proposal seems to be ready for full CCI approval.

- 5) **Environmental Economics:** Unfortunately, the dreaded “will” in the program learning goals escaped the detection of the subcommittee and will need to be excised (or the entire learning goal amputated) before this program sees the light of day. It is not clear at this point just how the word-which-shall-not-be-used escaped detection; however, inquiries are being made. In other ways, the proposal seems tolerable and is a straightforward conversion from its quarter version, including one prerequisite (AED Econ or Econ 2001), two required courses (AED Econ 4310 and 5310), and 6-9 additional elective hours.
- 6) **Outreach Education:** This minor is now called Agricultural and Extension Education but has outgrown that name and would like in the future to be called simply the Outreach Education Minor. It was submitted with one error, listing AEE 342 as 3 rather than 5 credits. That has been fixed and the minor is now ready to move forward.
- 7) **Farm Management:** The Sciences subcommittee regrets that this minor too includes a program learning goal which asserts that students “will” do things. This will have to be changed. Otherwise this proposal looks fine and converts exactly from its quarter equivalent: one prerequisite and a set of required courses complemented by a range of electives.
- 8) **International Economic and Social Development:** This seems to be a straightforward conversion: Two required quarter courses convert to two required semester courses. 10-15 additional quarter hours convert to 6-9 additional semester hours. However, they did add a 3 hour prerequisite of Econ or AED Econ 2001. Otherwise it looks ready to move forward.
- 9) **Agribusiness:** The PACER form for this minor is wrong, it seems. The maximum required hours offered by the unit should be 12, I think, not 9. Otherwise, the minor has been reduced (more than required by the 2/3 or 3/5 ratios) from 23-25 hours down to 12-15 hours. That's why some of the PACER conversion numbers are so high.
- 10) **Plant Pathology:** The Plant Pathology minor is being reduced as well, from 25 hours down to 12-14 hours, and with a slightly simpler structure than its quarter version. Students will take three required plant pathology courses; they'll select one course on plant diseases from a set of electives, and they'll then chose 1-2 additional elective courses to reach the minimum 12-14 hours. We had initially requested a few changes to the proposal (PACER numbers, typos, and GEC language) which have all been addressed.
- 11) **Food Processing Minor:** Contrary to popular belief, this minor is not just about juicers and Cuisinarts. The Sciences subcommittee reviewed this proposal on May 9th, after CCI had altered the document flow process. Hence, we are forwarding this proposal directly to CCI along with our comments and corrections. The minor is listed as including minimal changes and is generally a straightforward conversion from the quarter version.

First, the PACER form will need a few corrections:

On the Credit Hour Explanation:

- Column C, 5th line: The maximum required credit hours offered outside the unit is listed as 4, but should be 11.
- Column C, last line: The maximum required prerequisite credit hours not included above is listed as 9, though it is not clear where they come from. The proposal should identify and explain the prerequisites or change this number to 0 (zero).

The program learning goals contain the hated “will [be able to]” formation. The proposal should remove the “students will.” The goals might then read (for example), “Students integrate...” and “Students understand...”

Also, there are a few errors on the list of semester courses to match those on the Semester Advising Sheet:

- Microbiology 4090 will be Microbiology 4000 (4 cr)
- Microbiology 5000 will be Microbiology 4100 and will be 5 credit hours.

Finally, for the sake of clarity and consistency, the proposal should include all credit hour numbers (including for Fd Sc&Te 5420, 5430, 5410, 5400, Anim Sci 4500, and Fa&B Eng 3481) on both the course list and the Semester Advising sheet.

12) **Food Safety:**

First, the PACER form Credit Hour Explanation:

- Column C, 5th line: The maximum required credit hours offered outside the unit should be 8 (instead of 7).
- Column C, last line: The maximum prerequisite hours not included above is listed as 9. The proposal should identify and explain the required prerequisite courses or change that number to 0.

Then, the PACER Program learning goals: Rephrase these goals without “will” to read: “Students understand...” and “Students apply principles...”etc.

Finally, the list of semester courses:

- Microbiology 4090 will be Microbiology 4000 (4 cr)
- Microbiology 5000 will be Microbiology 4100 and will be 5 credit hours.

Thank you.
Jim F.



Department of Agricultural, Environmental, and Development Economics

Agricultural Administration Building
2120 Fyffe Road
Columbus, OH 43210-1067

October 1, 2010

Phone (614) 292-7911

Fax (614) 292-4749

<http://aede.ag.ohio-state.edu/>

TO: Office of Academic Affairs

FROM: Dr. Timothy C. Haab
Department Chair

RE: AED Economics Semester Program Request Letter

List all current programs in the department/unit:

1. Undergraduate bachelors degree programs and/or majors
Agribusiness and Applied Economics (major)
2. Undergraduate minors (4)
Agribusiness
Environmental Economics
Farm Management
International Economic Development
3. Undergraduate associate degree programs
None
4. Graduate degree programs
MS and Ph.D. in AED Economics
5. Graduate minors
None
6. Graduate certificate programs
None
7. Graduate interdisciplinary specializations
None
8. Professional degree programs
None
9. Combined programs (e.g. BS/MS, Ph.D./MD)
Dual MS/MBA with Fisher COB and MS/Masters in Public Administration with Glenn School

Unit-level review of programs and courses will be based on: (1) SEIs; (2) enrollment trends; and (3) exit-interviews with graduates. Indicators of need to revise courses and entire programs will include: consistently low SEIs; enrolment that is consistently low and not increasing; and negative feedback provided by multiple graduates, especially those with strong academic records.

Transition Statement: Students should find that the shift from quarters to semesters does not disrupt progress toward their degrees, if they (1) decide on their major, minor and degree within a time compatible with four-year graduation; (2) meet the standards for progress defined by their academic unit and continue to complete appropriate course loads successfully; and (3) proactively develop and follow academic plans in consultation with academic advisors.

I recommend approval of our semester program materials.

AGRIBUSINESS MINOR

College of Food, Agricultural, and Environmental Sciences
Department of Agricultural, Environmental and Development Economics (AED Econ)
Susie Sheller, Assistant Coordinating Advisor, 292-6432, sheller.1@osu.edu, 240 Ag. Admin. Bldg.
Dr. Brian Roe, Coordinating Advisor, 688-5777, roe.30@osu.edu, 225 Ag. Admin. Bldg.

Purpose: Students will understand: (1) the business concepts important for effective agribusiness decision-making, and (2) the role of economic constraints in the efficient operation of an agribusiness firm. Emphasis is placed on applying concepts and skills to the food system. Firms included in the food system are chemical companies, bio-engineering firms, farms, agricultural cooperatives, international commodity trading firms, and international food distribution and retailing companies.

Requirements & Responsibilities: Students are responsible for planning their program to achieve a minimum of **12 hours**. **No more than 2 courses outside of AED Econ can be counted toward the minor.** NO waiver will be granted for the maximum number of non-AED Econ courses. AED Econ 2001 (200) or Econ 2001 (200) is a prerequisite. At least six (6) credits must be at the 3000 level or above.

Required Courses: 9 hours

| | | Hours |
|-------------------------------|---------------------------------------|-------|
| AED ECON 3101 (401) | Principles of Agribusiness Management | 3 |
| AED ECON 3102 (402) | Principles of Agribusiness Marketing | 3 |
| AED Econ 2105 (412) OR | Managerial Records and Analysis | 3 |
| ACCT & MIS 2200 (211) | Introduction to Accounting | |

Select additional hours from the following courses, keeping in mind that no more than 2 courses can be non-AED Econ (this includes Accounting) and the minimum number of credit hours needed is 12:

| | | |
|-------------------------------|--|-----|
| AED ECON 3103 (403) | Principles of Agribusiness Finance | 3 |
| AED ECON 3104 (410) | Farm Business Management | 3 |
| AED ECON 3121 (421) | Salesmanship in Agribusiness and Agriculture | 2 |
| AED ECON 3122 (422) | Econ. of the Livestock/Meat Industry | 2 |
| AED ECON 3123 (423) | Grain Marketing | 2 |
| AED ECON 3128 (428) | Marketing Fruits & Vegetables | 2 |
| AED ECON/INT STDS 4532 (532) | Food Security and Globalization | 3 |
| AED ECON/INT STDS 4535 (535) | International Economic Development | 3 |
| AED ECON/INT STDS 4536 (536) | Econ. Dev. of Sub-Saharan Africa | 3 |
| AED ECON/INT STDS 4537 (537) | Middle Eastern Econ. Dev. | 3 |
| AED ECON/INT STDS 4538 (538) | Latin American Econ. Dev. | 3 |
| AED ECON/INT STDS 4539 (539) | China's Economic Reforms and Development | 3 |
| AED ECON 3141 (441) | Agricultural Cooperatives | 2 |
| AED ECON 3160 (460) | Human Resources Mgmt. in Small Businesses | 2 |
| AED ECON 3170 (470) or | Agribusiness Law | 3 |
| BUS-FIN 3500 (510) | Legal Environment of Business | 1.5 |
| AED ECON 4310 (531) | Environmental & Natural Resource Econ. | 3 |
| AED ECON 4540 (540) | Intl. Commerce and the World Economy | 3 |
| AED ECON 4320 (565) | Energy, the Environment, and the Economy | 3 |
| AED ECON 5125 (625) | Commodity Futures and Options Markets | 2 |
| ECON 2002 (201) | Principles of Macroeconomics | 3 |

Restrictions and General Information

1. This minor is not available to students majoring in Agribusiness & Applied Economics.
2. A minimum overall CPHR for courses comprising the minor shall be 2.0.
3. A minor should be declared at the time a student accumulates 60 hours.
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. Courses taken pass/non pass basis cannot be counted toward the minor.

AGRIBUSINESS MINOR

College of Food, Agricultural, and Environmental Sciences
 Department of Agricultural, Environmental and Development Economics (AED Econ)
 Susie Sheller, Assistant Coordinating Advisor, 292-6432, sheller.1@osu.edu, 240 Ag. Admin. Bldg.
 Dr. Douglas Southgate, Coordinating Advisor, 292-2432, southgate.1@osu.edu, 329 Ag. Admin. Bldg.

Purpose: The Agribusiness minor provides: (1) an understanding of business concepts important for effective agribusiness decision-making, and (2) an understanding of the role of economic constraints in the efficient operation of an agribusiness firm. Emphasis is placed on applying concepts and skills to the food system. Firms included in the food system are chemical companies, bio-engineering firms, farms, agricultural cooperatives, international commodity trading firms, and international food distribution and retailing companies.

Requirements & Responsibilities: Students are responsible for planning their program to achieve **23-25 hours. No more than 2 courses outside of AED Econ can be counted toward the minor.** NO waiver will be granted for either the minimum number of credit hours (21) or the maximum number of non-AED Econ courses.

Required Courses: 15 hours

| | Hours | Offered |
|------------------------|--------------|----------------|
| AED ECON 401 | 5 | Au, Wi, Sp |
| AED ECON 402 | 5 | Au, Wi, Sp |
| AED Econ 412 or | 5 | Au, Wi, Sp |
| ACCT & MIS 211 | | Au, Wi, Sp, Su |

Select additional hours from the following courses, keeping in mind that no more than 2 courses can be non-AED Econ (this includes Accounting) and the minimum number of credit hours needed is 23:

| | | |
|-----------------------------|---|----------------|
| AED ECON 403 | 5 | Au, Wi, Sp |
| AED ECON 410 | 5 | Wi |
| AED ECON 421 | 3 | Au |
| AED ECON 422 | 3 | Wi |
| AED ECON 423 | 3 | Au |
| AED ECON 426 | 3 | Sp |
| AED ECON 428 | 3 | Sp |
| AED ECON/INT STDS (434) 532 | 5 | Au |
| AED ECON/INT STDS (435) 535 | 5 | Au, Wi, Sp |
| AED ECON/INT STDS (436) 536 | 5 | Au |
| AED ECON/INT STDS (437) 537 | 5 | Wi |
| AED ECON/INT STDS (438) 538 | 5 | Sp |
| AED ECON/INT STDS (439) 539 | 5 | Sp |
| AED ECON 441 | 3 | Wi |
| AED ECON 460 | 3 | Au, Wi, Sp |
| AED ECON 470 or | 4 | Wi |
| BUS-FIN 510 | 4 | Au, Wi, Sp, Su |
| AED ECON 531 | 5 | Au, Sp |
| AED ECON 540 | 5 | Wi |
| AED ECON 565 | 5 | Au |
| AED ECON 625 | 4 | Wi |
| AED ECON 680 | 4 | Sp |
| ECON 201 | 5 | Au, Wi, Sp, Su |

Restrictions and General Information

1. This minor is not available to students majoring in Agribusiness & Applied Economics.
2. A minimum overall CPHR for courses comprising the minor shall be 2.0.
3. A minor should be declared at the time a student accumulates 90 hours.
4. A maximum of five (5) credit hours may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities, social sciences, and contemporary issues).
5. Courses taken pass/non pass basis cannot be counted toward the minor.