



January 12, 2016

Dr. Steve Neal
Assistant Dean for Academic Affairs
100E Agricultural Administration Building
2120 Fyffe Rd
Columbus, OH 43210

Dear Dr. Neal,

Enclosed please find the proposed curriculum plan for the Associate of Science in Sustainable Agriculture (SUSTAG-AS), submitted for consideration by the FAES Academic Affairs Committee. The modifications of the current curriculum plan respond to the Ohio Department of Higher Education (ODHE) revised requirements for this degree program as indicated in the revised ODHE Guidelines and Procedures for Academic Program Review document, and are in alignment with the approved curriculum plan template for the Ohio State ATI Associate of Science degree program. The changes address the reduction in credit hours and alignment with the general education curriculum for this degree program. In addition, the proposed curriculum plan provides students with a course of study that will prepare them to transition smoothly to the corresponding four-year degree program(s) on the Columbus campus of The Ohio State University.

In conjunction with the Baccalaureate Natural Resource Management program in Columbus, this program is being changed only slightly.

- One Arts/Humanities course was removed (-3 cr)
- ENR 2100 moved from transferable course category (-3 cr) to GEN ED additional course category (+3 cr)
- Total number of credit hours required was reduced from 68 to 65 while still meeting the ODHE requirements for the General Education component; this will also allow students to complete their degree program in a timely fashion.
- Concurrence for the program change has been received from the School of Environment and Natural Resources

The proposed curriculum plan was developed by the Program Coordinator for the major. The courses that are included in the current and proposed curriculum plan were selected in consultation with other faculty involved in the program as well as stakeholder advisory committees and/or individuals. The proposed curriculum plan and course sequence were approved by the Agricultural and Engineering Technologies Division at Ohio State ATI and the Ohio State ATI Academic Affairs committee. Ohio State ATI is committed to protecting the academic progress of students. In order that this proposed program change will not disrupt progress toward their degree, course substitutions and manual management of the degree

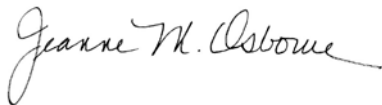
audits will occur as needed for students enrolled in this degree program during the transition. When appropriate, coursework completed by students under the current degree program will be utilized for completion of the proposed degree program.

Enclosed please find the following documents:

- Current curriculum plan and course sequence for the Sustainable Agriculture degree program
- Proposed curriculum plan and course sequence for the Sustainable Agriculture degree program
- Concurrence for the curriculum plan/course sequence

Please let me know if there are questions or additional information or documentation is required to accompany this submission. We look forward to hearing from the FAES Academic Affairs Committee regarding next steps in the approval process.

Sincerely,

A handwritten signature in cursive script that reads "Jeanne M. Osborne". The signature is written in black ink and is positioned to the left of the typed name.

Jeanne M. Osborne
Assistant Director, Academic Affairs

**ASSOCIATE OF SCIENCE DEGREE
SUSTAINABLE AGRICULTURE CURRICULUM PLAN**

Ohio State ATI – AS Degree		Major:	Sustainable Agriculture	
Subject	Sem Crs	Course Dept. & Number	Course Title	Crs
English Composition and Literature	6 cr	ENGLISH 1110.01 ENR 2367	First-Year English Composition Communicating Environmental and Natural Resources Information	3 3
Humanities	9 cr	HISTORY 1152 COMPSTD 2301 MUSIC 2250	American Civilization since 1877 Introduction to World Literature Music Cultures of the World	3 3 3
Social and Behavioral Sciences	6 cr	RURLSOC 1500 AEDECON 2001	Introduction to Rural Sociology Principles of Food & Resource Economics	3 3
Natural Science (physical and biological) and/or Mathematics	10-13 cr	BIOLOGY 1114 CHEM 1110 or 1210 MATH 1148	Bio Sci: Form, Function, Diversity and Ecology Elementary Chemistry or General Chemistry 1 College Algebra	4 5 4
Open Option or Cultures and Ideas	3 cr	ENR 2300	Society and Natural Resources	3
College/Career Orientation	1 cr	GENSTDS 1201T CRPSOIL 1201T	College Orientation Exploring Agronomy, Sustainable Agriculture, and Crop Management and Soil Conservation	0.5 0.5
Minimum General Total	36 cr			38
Minimum of 24 cr. of transferable courses applicable to OSU bachelor's degree. Developed in consultation with affiliated department/unit where appropriate.	24 cr	AEDECON 2105 ANMLTEC 2200T ANMLTEC 2300T ANMLTEC 2400T ANMLTEC 3800T or CRPSOIL 3800T CRPSOIL 2200T CRPSOIL 2201T CRPSOIL 2210T CRPSOIL 2300T CRPSOIL 2301T ENR 2100 ELECTIVES	Managerial Records and Analysis Introduction to Animal Science Introduction to Animal Science Lab Sustainable Animal Systems and Marketing Principles of Farm Business Management (cross-listed) Introduction to Sustainable Agriculture Sustainable Cropping Systems Sustainable Agriculture Methods Introduction to Soil Science Introduction to Soil Science Lab Introduction to Environmental Science	3 3 1 3 4 2 3 1 3 1 3
Other Course Total	24 min cr			30
Degree Totals	60 cr min– 70 cr max			68

**SUSTAG-AS
Catalog Year
2014-2015**

**Sustainable Agriculture
Associate of Science**

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
ANMLTEC 2200T	Introduction to Animal Sciences	3
ANMLTEC 2300T	Introduction to Animal Sciences Laboratory	1
CRPSOIL 1201T	Exploring Agronomy, Sustainable Agriculture, and Crop Management and Soil Conservation	.5
CRPSOIL 2200T	Introduction to Sustainable Agriculture	2
ENGLISH 1110.01	First-Year English Composition	3
ENR 2100	Introduction to Environmental Science	3
GENSTDS 1201T	College Orientation	.5
MATH 1148	College Algebra	<u>4</u>
		17
<u>1st Year – Spring Semester</u>		
AEDECON 2001	Principles of Food and Resource Economics	3
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
COMPSTD 2301	Introduction to World Literature	3
MUSIC 2250	Music Cultures of the World	3
RURLSOC 1500 or ELECTIVE	Introduction to Rural Sociology <u>or</u> Technical Elective	<u>3</u>
		16
<u>2nd Year – Autumn Semester</u>		
AEDECON 2105	Managerial Records and Analysis	3
CHEM 1110 <u>or</u> 1210	Elementary Chemistry <u>or</u> General Chemistry I	5
CRPSOIL 2201T	Sustainable Cropping Systems and Marketing	3
CRPSOIL 2210T	Sustainable Agriculture Methods	1
HISTORY 1152	American Civilization since 1877	3
RURLSOC 1500 or ELECTIVE	Introduction to Rural Sociology <u>or</u> Technical Elective	<u>3</u>
		18
<u>2nd Year – Spring Semester</u>		
ANMLTEC 2400T	Sustainable Animal Systems and Marketing	3
BIOLOGY 1114	Bio Sci: Form, Function, Diversity, and Ecology	4
CRPSOIL 3800T or ANMLTEC 3800T	Principles of Farm Business Management Same title (cross listed course)	4
ENR 2300	Society and Natural Resources	3
ENR 2367	Communicating Environmental and Natural Resources Information	<u>3</u>
		17
	Total Credits	68

**ASSOCIATE OF SCIENCE DEGREE
SUSTAINABLE AGRICULTURE CURRICULUM PLAN**

Ohio State ATI		Major: Sustainable Agriculture	
General Education		General Education	
Subject	Sem Cr	Course	Sem Cr.
ENGLISH COMPOSITION/ ORAL COMMUNICATION ENGLISH 1110.01 AGRCOMM 2367 or 3130 or ENR 2367	3	ENGLISH 1110.01 ENR 2367	3
	3		3
MATHEMATICS/ STATISTICS AND LOGIC MATHEMATICS	4-5	MATH 1148	4
ARTS AND HUMANITIES Select at least 1 course from 2 of the following areas: Historical Study Culture and Ideas* Literature* Art*	min. 6	Choose 2 of the following courses: HISTORY 1152 COMPSTD 2301* MUSIC 2250* RELSTDS 2370*	3 3
SOCIAL AND BEHAVIORAL SCIENCES Social and Behavioral Sciences AEDECON 2001 RURLSOC 1500	3 3	AEDECON 2001 RURLSOC 1500	3 3
NATURAL SCIENCES	min. 6	BIOLOGY 1114 CHEM 1110 or 1210	4 5
COLLEGE/CAREER ORIENTATION	1	GENSTDS 1201T CRPSOIL 1201T	0.5 0.5
Additional OTM course(s) (from 5 GE categories above) or Open Option (course(s) as defined by OSU Columbus major)		ENR 2100 ENR 2300	3 3
Total General Education	37-40	Total General Education	38
Transferable and major courses applicable to OSU bachelor's degree Developed in consultation with affiliated department/unit where appropriate		AEDECON 2105 ANMLTEC 2200T ANMLTEC 2300T ANMLTEC 2400T CRPSOIL 2200T CRPSOIL 2201T CRPSOIL 2210T CRPSOIL 2300T CRPSOIL 2301T CRPSOIL 3800T or ANMLTEC 3800T TRANSFERABLE ELECTIVE (in consultation with advisor)	3 3 1 3 2 3 1 3 1 4 3
		Transferable and Major courses	27
DEGREE TOTAL	60-65	DEGREE TOTAL	65

*COMPSTD 2301 (Literature), MUSIC 2250 (Art), and RELSTDS 2370 (Culture and Ideas) courses offered at Ohio State ATI also fulfill a global studies general education requirement, in addition to the areas that they are designated.

**ASSOCIATE OF SCIENCE DEGREE
SUSTAINABLE AGRICULTURE CURRICULUM PLAN**

Ohio State ATI		Major: Sustainable Agriculture	
General Education		General Education	
Subject	Sem Cr	Course	Sem Cr.
ENGLISH COMPOSITION/ ORAL COMMUNICATION ENGLISH 1110.01 AGRCOMM 2367 or 3130 or ENR 2367	3	ENGLISH 1110.01 ENR 2367	3
	3		3
MATHEMATICS/ STATISTICS AND LOGIC MATHEMATICS	4-5	MATH 1148	4
ARTS AND HUMANITIES Select at least 1 course from 2 of the following areas: Historical Study Culture and Ideas* Literature* Art*	min. 6	Choose 2 of the following courses: HISTORY 1152 COMPSTD 2301* MUSIC 2250* RELSTDS 2370*	3 3
SOCIAL AND BEHAVIORAL SCIENCES Social and Behavioral Sciences AEDECON 2001 RURLSOC 1500	3 3	AEDECON 2001 RURLSOC 1500	3 3
NATURAL SCIENCES	min. 6	BIOLOGY 1114 CHEM 1110 or 1210	4 5
COLLEGE/CAREER ORIENTATION	1	GENSTDS 1201T CRPSOIL 1201T	0.5 0.5
Additional OTM course(s) (from 5 GE categories above) or Open Option (course(s) as defined by OSU Columbus major)		ENR 2100 ENR 2300	3 3
Total General Education	37-40	Total General Education	38
Transferable and major courses applicable to OSU bachelor's degree Developed in consultation with affiliated department/unit where appropriate		AEDECON 2105 ANMLTEC 2200T ANMLTEC 2300T ANMLTEC 2400T CRPSOIL 2200T CRPSOIL 2201T CRPSOIL 2210T CRPSOIL 2300T CRPSOIL 2301T CRPSOIL 3800T or ANMLTEC 3800T TRANSFERABLE ELECTIVE (in consultation with advisor)	3 3 1 3 2 3 1 3 1 4 3
		Transferable and Major courses	27
DEGREE TOTAL	60-65	DEGREE TOTAL	65

*COMPSTD 2301 (Literature), MUSIC 2250 (Art), and RELSTDS 2370 (Culture and Ideas) courses offered at Ohio State ATI also fulfill a global studies general education requirement, in addition to the areas that they are designated.

SUSTAG-AS
Catalog Year
2015-2016

Sustainable Agriculture
Associate of Science

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
ANMLTEC 2200T	Introduction to Animal Sciences	3
ANMLTEC 2300T	Introduction to Animal Sciences Laboratory	1
CRPSOIL 1201T	Exploring Agronomy, Sustainable Agriculture, and Crop Management and Soil Conservation	.5
CRPSOIL 2200T	Introduction to Sustainable Agriculture	2
ENGLISH 1110.01	First-Year English Composition	3
ENR 2100	Introduction to Environmental Science	3
GENSTDS 1201T	College Orientation	.5
MATH 1148	College Algebra	<u>4</u>
		17
<u>1st Year – Spring Semester</u>		
AEDECON 2001	Principles of Food and Resource Economics	3
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
ARTS / HUM	Elective from approved list - 2 courses	6
RURLSOC 1500 or ELECTIVE	Introduction to Rural Sociology or Transferable or Elective to be chosen in consultation with advisor	<u>3</u>
		16
<u>2nd Year – Autumn Semester</u>		
AEDECON 2105	Managerial Records and Analysis	3
CHEM 1110 or 1210	Elementary Chemistry or General Chemistry I	5
CRPSOIL 2201T	Sustainable Cropping Systems and Marketing	3
CRPSOIL 2210T	Sustainable Agriculture Methods	1
RURLSOC 1500 or ELECTIVE	Introduction to Rural Sociology or Transferable or Elective to be chosen in consultation with advisor	<u>3</u>
		15
<u>2nd Year – Spring Semester</u>		
ANMLTEC 2400T	Sustainable Animal Systems and Marketing	3
BIOLOGY 1114	Bio Sci: Form, Function, Diversity, and Ecology	4
CRPSOIL 3800T or ANMLTEC 3800T	Principles of Farm Business Management (Cross listed)	4
ENR 2367	Communicating Environmental and Natural Resources Information	3
ENR 2300	Society and Natural Resources	<u>3</u>
		17
	Total Credits	65

**SUSTAG-AS
Catalog Year
2015-2016**

**Sustainable Agriculture
Associate of Science**

ARTS / HUM elective options – 6 credits required:

HISTORY 1152	American Civilization since 1877	3
COMSTD 2301	Introduction to World Literature	3
MUSIC 2250	Music Cultures of the World	3
RELSTDS 2370	Introduction to Comparative Religion	3



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February 5, 2016

To whom it may concern,

The Academic Affairs Committee (AAC) in the School of Environment and Natural Resources reviewed the AS degrees/pathways to ENR majors (namely the SUSTAG-AS degree and the ENVNATR-AS degrees with specializations in Natural Resources Management and Environmental Science). We appreciate the opportunity to review these degree programs. The SENR AAC offers our concurrence for the proposed pathways for ATI students to come to SENR main campus.

The ENR courses included as ATI offerings include RS 1500 (Introduction to Rural Sociology), ENR 2100 (Introduction to Environmental Science), ENR 2300 (Society and Natural Resources), and ENR 2367 (Communicating Environmental and Natural Resources Information). We will work with ATI to ensure that the content delivered through these courses is equivalent in nature to the offerings in Columbus. In particular, we will work with ATI to integrate online offerings of our courses into the curriculum where appropriate (e.g., 1500 and 2100), and to ensure that the instructors teaching other ENR courses (e.g., 2300 and 2367) are qualified to deliver the necessary content. We request that any changes in coursework in the future related to ENR courses be vetted through the School to ensure equivalency in content and instruction between an ATI and Columbus-OSU offering.

Thank you for the chance to review the AS degrees/pathways, please let us know if you have any additional questions.

Sincerely,

Robyn Wilson, Academic Affairs Committee Chair