



September 18, 2015

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 Agronomy (AGRONOM-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 Sustainable Plant Systems-Agronomy program in Columbus, this program is being changed to take advantage of specific strengths found at the Ohio State ATI and Columbus campuses:

- AGRCOMM 2367 or ENR 2367 second writing requirement was changed to add an option of AGRCOMM 3130 Oral Expression in Agriculture – No change in credit hours
- HCS 2200 Science of Sustainable Plant Production was removed (-3 cr) and HCS 2202 Form and Function in Cultivated Plants was added (+4) based on changes made by the HCS Department to the corresponding baccalaureate program
- One Art/Hum course was removed (-3 cr)
- CRPSOIL 2324T Soil Management was removed (-3 cr)
- CRPSOIL 2580T Soil Fertility and Fertilizers was removed (-3 cr)
- PLNTPTH 3001 General Plant Pathology Lecture was added (+3 cr)
- PLNTPTH 3002 General Plant Pathology Lab was added (+2 cr)
- Total credit hours was reduced from 65 to 62
- Concurrence for the program has been received from the Department of Horticulture and Crop Science

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 Agriculture 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

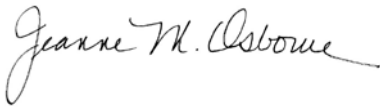
audits will occur as needed for students enrolled in this degree program during the transition. When appropriate, coursework completed by students under the current degree program will be utilized for completion of the proposed degree program.

Enclosed please find the following documents:

- Current curriculum plan and course sequence for the Agronomy degree program
- Proposed curriculum plan and course sequence for the Agronomy degree program
- Concurrence for 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
AGRONOMY CURRICULUM PLAN**

Ohio State ATI – AS Degree		Major:	Agronomy	
Subject	Sem Crs	Course Dept. & Number	Course Title	Crs
English Composition and Literature	6 cr	ENGLISH 1110.01 AGRCOMM 2367	First-Year English Composition Agricultural Issues in Contemporary Society	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 1113 CHEM 1110 MATH 1148	Bio Sci: Energy Transfer and Development Elementary Chemistry College Algebra	4 5 4
Open Option or Cultures and Ideas	3 cr	HCS 2200	Science of Sustainable Plant Production	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	BIOTECH 2218T CRPSOIL 2189T CRPSOIL 2300T CRPSOIL 2301T CRPSOIL 2324T CRPSOIL 2411T CRPSOIL 2412T CRPSOIL 2422T CRPSOIL 2580T HCS 2201	General and Applied Entomology Practicum in Crop and Soil Introduction to Soil Science Introduction to Soil Science Lab Soil Management Grain and Oilseed Crops Forage Crops Principles of Weed Control Soil Fertility and Fertilizers Ecology of Managed Plant Systems	3 1 3 1 3 3 3 3 3 4
Other Course Total	24 min cr			27
Degree Totals	60 cr min– 70 cr max			65

AGRONOM-AS
Catalog Year
2014-2015

Agronomy
Associate of Science

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
CHEM 1110	Elementary Chemistry	5
CRPSOIL 1201T	Exploring Agronomy, Sustainable Agriculture, and Crop Management and Soil Conservation	.5
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201T	College Orientation	.5
MATH 1148	College Algebra	4
RURLSOC 1500	Introduction to Rural Sociology	<u>3</u>
		16
<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
CRPSOIL 2412T	Forage Crops	3
HCS 2200	Science of Sustainable Plant Production	3
MUSIC 2250	Music Cultures of the World	<u>3</u>
		16
<u>2nd Year – Autumn Semester</u>		
AGRCOMM 2367	Agricultural Issues in Contemporary Society	3
BIOLOGY 1113	Bio Sci: Energy Transfer and Development	4
BIOTECH 2218T	General and Applied Entomology	3
* CRPSOIL 2189T	Practicum in Crop and Soil Technologies	1
CRPSOIL 2324T	Soil Management	3
CRPSOIL 2411T	Grain and Oilseed Crops	<u>3</u>
		17
<u>2nd Year – Spring Semester</u>		
CRPSOIL 2422T	Principles of Weed Control	3
CRPSOIL 2580T	Soil Fertility and Fertilizers	3
COMPSTD 2301	Introduction to World Literature	3
HCS 2201	Ecology of Managed Plant Systems	4
HISTORY 1152	American Civilization since 1877	<u>3</u>
		16
	Total Credits	65

* A grade of C or better required to meet graduation requirements.

**ASSOCIATE OF SCIENCE DEGREE
AGRONOMY CURRICULUM PLAN**

Ohio State ATI		Major: Agronomy	
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	3
	3	AGRCOMM 2367 or 3130 or ENR 2367	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	AEDECON 2001	3
	3	RURLSOC 1500	3
NATURAL SCIENCES	min. 6	BIOLOGY 1113 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)		HCS 2201 HCS 2202	4 4
Total General Education	37-40	Total General Education	40
Transferable and major courses applicable to OSU bachelor's degree Developed in consultation with affiliated department/unit where appropriate		BIOTECH 2218T	3
		CRPSOIL 2189T	1
		CRPSOIL 2300T	3
		CRPSOIL 2301T	1
		CRPSOIL 2411T	3
		CRPSOIL 2412T	3
		CRPSOIL 2422T	3
		PLNTPTH 3001	3
		PLNTPTH 3002	2
		Transferable and Major courses	22
DEGREE TOTAL	60-65	DEGREE TOTAL	62

*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
AGRONOMY CURRICULUM PLAN**

Ohio State ATI		Major: Agronomy	
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	3
	3	AGRCOMM 2367 or 3130 or ENR 2367	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	AEDECON 2001	3
	3	RURLSOC 1500	3
NATURAL SCIENCES	min. 6	BIOLOGY 1113 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)		HCS 2201 HCS 2202	4 4
Total General Education	37-40	Total General Education	40
Transferable and major courses applicable to OSU bachelor's degree Developed in consultation with affiliated department/unit where appropriate		BIOTECH 2218T CRPSOIL 2189T CRPSOIL 2300T CRPSOIL 2301T CRPSOIL 2411T CRPSOIL 2412T CRPSOIL 2422T PLNTPTH 3001 PLNTPTH 3002	3 1 3 1 3 3 3 3 2
		Transferable and Major courses	22
DEGREE TOTAL	60-65	DEGREE TOTAL	62

*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.

**AGRONOM-AS
Catalog Year
2015-2016**

**Agronomy
Associate of Science**

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
CHEM 1110 or 1210**	Elementary Chemistry or General Chemistry	5
CRPSOIL 1201T	Exploring Agronomy, Sustainable Agriculture, and Crop Management and Soil Conservation	.5
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201T	College Orientation	.5
MATH 1148	College Algebra	<u>4</u>
		13
<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
CRPSOIL 2412T	Forage Crops	3
HCS 2202	Form and Function in Cultivated Plants	4
ARTS/HUMANITIES	Elective from approved list	<u>3</u>
		17
<u>2nd Year – Autumn Semester</u>		
BIOLOGY 1113	Bio Sci: Energy Transfer and Development	4
BIOTECH 2218T	General and Applied Entomology	3
* CRPSOIL 2189T	Practicum in Crop and Soil Technologies	1
CRPSOIL 2422T	Principles of Weed Control	3
PLNTPTH 3001	General Plant Pathology Lecture	3
PLNTPTH 3002	General Plant Pathology Lab	<u>2</u>
		16
<u>2nd Year – Spring Semester</u>		
AGRCOMM 2367 or AGRCOMM3130 or ENR 2367	Agricultural Issues in Contemporary Society Oral Expressions in Agriculture Communicating Environmental and Natural Resources Information	3
CRPSOIL 2411T	Grain and Oilseed Crops	3
HCS 2201	Ecology of Managed Plant Systems	4
ARTS/HUMANITIES	Elective from approved list	3
RURLSOC 1500	Introduction to Rural Sociology	<u>3</u>
		16
	Total Credits	62

* A grade of C or better required to meet graduation requirements.

**Chem 1210 is open to students with one unit of high school chemistry and Math Placement Level L or M; or a grade of C- or above in Math 1130, 1131, 1148, 1150 or above.

AGRONOM-AS
Catalog Year
2015-2016

Agronomy
Associate of Science

Arts/ Humanities Elective options – 6 credits required:

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



202 Kottman Hall
2021 Coffey Road
Columbus, OH 43210-1086

November 12, 2015

Phone (614) 292-3854
Fax (614) 292-7162

Dr. James Kinder
Director, Ohio State ATI
211 Halterman Hall
Wooster, OH 44691

metzger.72@osu.edu

Dear Dr. Kinder:

The Department of Horticulture and Crop Science Academic Affairs Committee has reviewed the revised Degree Requirement Plans and 4-Year Roadmaps for the students transferring from the 2-year Associate of Science degree at ATI to the 4-year BS degree at OSU-Columbus and has made the following recommendations:

1. The Department should concur with the proposed Degree Plans and Roadmaps for the following subject areas:
 - Hort. Sci. major (A.S.) interested in SPS-Turfgrass Science (B.S.)
 - Hort. Sci. major (A.S.) interested in SPS-Landscape Design & Management (B.S.)
 - Hort. Sci. major (A.S.) interested in SPS-Horticulture (B.S.)
2. The Department of Horticulture and Crop Science should provide concurrence with the Degree Plan and Roadmap for the Agronomy major (A.S.) interested in SPS-Agronomy (B.S.) contingent upon implementation of curriculum changes in the SPS-Agronomy major designed to resolve the issues regarding the lack of similarity between CS 4411 'Grain, Oilseed and Fiber Crops' and CRPSOIL 2411T 'Grain and Oilseed Crops'; HCS5422 'Principles of Weed Ecology and Management and CRPSOIL 2422T 'Principles of Weed Control'; and HCS 5412 'Forages, Grasslands and Prairies' and CRPSOIL 2412T 'Forage Crops'. HCS will develop a three credit hour, 3000-level class that will cover the basic principles of production and management of agronomic crops. This course will draw elementary material HCS 4411, 5412, and 5422 and which is common in CRPSOIL 2411T, 2412T, and 2422T, respectively. Additional, more advanced material will then be added to the three HCS classes. As such the new course will serve as a prerequisite for the three more advanced HCS classes. ATI students transitioning to the SPS-Agronomy major who have taken CRPSOIL 2411T, 2412T, and 2422T will now be required to take HCS 4411, 5412, and 5422, but will receive credit for the new HCS 3000-level class. The target date for implementation of these changes is Fall Semester 2017. Until the proposed changes in the SPS-Agronomy curriculum are implemented, ATI students successfully completing CRPSOIL 2411T, 2412T, and 2422T will still receive credit for HCS 4411, 5412, and 5422, respectively.

I concur with both recommendations. I believe that the proposed changes in SPS-Agronomy major serves the interests of students in both programs.

Sincerely,

James D. Metzger
Professor and Chair
Department of Horticulture & Crop Science