



Ohio State ATI

1328 Dover Road Wooster, OH 44691-9000

> 330-287-1330 Phone 330-287-1333 Fax

> > ati.osu.edu

November 3, 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 Horticultural Science (HORTSCI-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 program in Columbus, this program is being changed only slightly.

- HCS 2200 Science of Sustainable Plant Production was removed (-3 cr) and HCS 2202 Form and Function in Cultivated Plants was added (+4 cr)
- BIOTECH 2218T General and Applied Entomology was changed from an elective to required (+3 cr)
- HORTTEC 2110T Plant Materials I was changed from an elective to required (+3 cr)
- The number of electives was changed from 12 to 6 credits (-6 cr)
- Total number of credit hours was changed from 63 to 64
- Concurrence for the program change 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 Horticultural 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 Horticultural Science degree program
- Proposed curriculum plan and course sequence for the Horticultural Science 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,

Jeanne M. Osborne

Assistant Director, Academic Affairs

Jeanne M. Osborne

### ASSOCIATE OF SCIENCE DEGREE HORTICULTURAL SCIENCE CURRICULUM PLAN

Ohio State ATI – AS Degree		Major:	Horticultural Science	
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	American Civilization since 1877 Introduction to World Literature	3
Social and Behavioral Sciences	6 cr	MUSIC 2250 RURLSOC 1500 AEDECON 2001	Music Cultures of the World Introduction to Rural Sociology Principles of Food & Resource Economics	3 3 3
Natural Science (physical and biological) and/or Mathematics	10-13 cr	BIOLOGY 1113 CHEM 1110	Bio Sci: Energy Transfer and Development Elementary Chemistry	5
Open Option or Cultures and Ideas	3 cr	MATH 1148 HCS 2200	College Algebra Science of Sustainable Plant Production	3
College/Career Orientation	1 cr	GENSTDS 1201T HORTTEC 1201T	College Orientation Exploring Horticulture	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	CRPSOIL 2300T CRPSOIL 2301T HCS 2201 PLNTPTH 3001 PLNTPTH 3002 ELECTIVES	Introduction to Soil Science Introduction to Soil Science Lab Ecology of Managed Plant Systems General Plant Pathology Lecture General Plant Pathology Lab Consult advisor for selection	3 1 4 3 2 12
Other Course Total	24 min cr			25
Degree Totals	60 cr min– 70 cr max			63

#### HORTSCI-AS Catalog Year 2014-2015

#### Horticultural Science Associate of Science

Course	<u>Title</u>	<b>Credits</b>
1st Year – Autumn Ser	<u>nester</u>	
ELECTIVE	See List on Reverse Side – Consult Advisor	3
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201T	College Orientation	.5
HORTTEC 1201T	Exploring Horticulture	.5
MATH 1148	College Algebra	4
RURLSOC 1500	Introduction to Rural Sociology	3 14
		17
1st Year – Spring Semo	<u>ester</u>	
AGRCOMM 2367	Agricultural Issues in Contemporary Society	3
BIOLOGY 1113	Bio Sci: Energy Transfer and Development	4
CHEM 1110	Elementary Chemistry	5
HCS 2200	Science of Sustainable Plant Production	3
		15
2 <sup>nd</sup> Year – Autumn Se	<u>mester</u>	
COMPSTD 2301	Introduction to World Literature	3
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
ELECTIVE	See List on Reverse Side – Consult Advisor	6
PLNTPTH 3001	General Plant Pathology Lecture	3
PLNTPTH 3002	General Plant Pathology Laboratory	2
		18
2 <sup>nd</sup> Year – Spring Sem	<u>nester</u>	
AEDECON 2001	Principles of Food and Resource Economics	3
ELECTIVE	See List on Reverse Side – Consult Advisor	3
HCS 2201	Ecology of Managed Plant Systems	4
HISTORY 1152	American Civilization since 1877	3
MUSIC 2250	Music Cultures of the World	<u>3</u>
		16
	<b>Total Credits</b>	63

#### HORTSCI-AS Catalog Year 2014-2015

#### Horticultural Science Associate of Science

#### **ELECTIVES** – 12 hours required (select **any** combination in consultation with your advisor)

6766	701 10 1171 0 )	
	BS degree in Sustainable Plant Systems)	
AGRCOMM 3130	Oral Expressions in Agriculture	3
COMLDR 3537	Data Analysis in the Applied Sciences	3
COMPSTD 2370	Introduction to Comparative Religion	3
Technical Electives		
For all Sustainable Plant System	ems specializations	
BIOTECH 2218T	General and Applied Entomology	3
For Horticultural Science Spe		
HORTTEC 2110T	Plant Materials I	3
HORTTEC 2410T	Sustainable Nursery Management	4
HORTTEC 2500T	Greenhouse Environment Control	4
HORTTEC 2880T	Principles of Weed Science	3
For Landscape Design and M	anagement Specialization	
HORTTEC 2110T	Plant Materials I	3
HORTTEC 2360T	Landscape Design	3
HORTTEC 2880T	Principles of Weed Science	3
	•	
For Turfgrass and Sports Turf	Science Specialization	
HORTTEC 2110T	Plant Materials I	3
HORTTEC 2230T	Fundamentals of Turfgrass Science	3
HORTTEC 2260T	Sports Turf Operations Organization and Management	3
	1 0	
For Agronomy Specialization		
CRPSOIL 2200T	Introduction to Sustainable Agriculture	2
CRPSOIL 2201T	Sustainable Cropping Systems and Marketing	3
	11 0 7	
For Ag Business Minor		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2241T	Small Business Management	3
BUSTEC 2231T	Fundamentals of Marketing	3
And any ONE (1) of t	the following:	
BUSTEC 2232T	Personal Selling	3
BUSTEC 2249T	Fundamentals of Business Finance	3
BUSTEC 2248T	Introduction to Cooperatives	2
BUSTEC 2244T	•	3
BUSTEC 2247T	Č 1	3
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# ASSOCIATE OF SCIENCE DEGREE HORTICULTURAL SCIENCE CURRICULUM PLAN

Ohio State ATI		Major: Horticultural Science	
<b>General Education</b>		General Education	
Subject	Sem Cr	Course	Sem Cr.
ENGLISH COMPOSITION/		ENGLISH 1110.01	3
ORAL COMMUNICATION		AGRCOMM 2367	3
ENGLISH 1110.01	3		
AGRCOMM 2367 or 3130 or	3		
ENR 2367			
MATHEMATICS/		MATH 1148	4
STATISTICS AND LOGIC			
MATHEMATICS	4-5		
ARTS AND HUMANITIES		HISTORY 1152	3
Select at least 1 course		COMPSTD 2301*	3
from 2 of the following			
areas:	min. 6		
Historical Study			
Culture and Ideas*			
Literature*			
Art*			
SOCIAL AND BEHAVIORAL		AEDECON 2001	3
SCIENCES Social and Behavioral		RURLSOC 1500	3
Sciences			
AEDECON 2001	3		
RURLSOC 1500	3		
NATURAL SCIENCES	min. 6	BIOLOGY 1113	4
		CHEM 1110	5
COLLEGE/CAREER	1	GENSTDS 1201T	0.5
ORIENTATION		HORTTEC 1201T	0.5
Additional OTM course(s)		HCS 2202	<mark>4</mark>
(from 5 GE categories above)		HCS 2201	4
		MUSIC 2250*	3
or Open Option (course(s) as defined			
by OSU Columbus major)			
<b>Total General Education</b>	37-40	Total General Education	43
Transferable and major courses		BIOTECH 2218T	
applicable to OSU bachelor's degree		CRPSOIL 2300T	3 3
Tr		CRPSOIL 2301T	
Developed in consultation with		HORTTEC 2110T	1 3 3 2 6
affiliated department/unit where		PLNTPTH 3001	3
appropriate		PLNTPTH 3002	$\frac{3}{2}$
		Technical electives	<u></u>
		Total Transferable and Major Courses	21
DEGREE TOTAL	60-65	DEGREE TOTAL	<del>64</del>

<sup>\*</sup>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 HORTICULTURAL SCIENCE CURRICULUM PLAN

ENGLISH COMPOSITION/ORAL COMMUNICATION   SINCILISH 1110.01   3   3   3   3   3   3   3   3   3	Ohio State ATI		Major: Horticultural Science	
ENGLISH COMPOSITION/ ORAL COMMUNICATION ENCLISH 1110.01         3 AGRCOMM 2367         3 3           ENGLISH 1110.01         3 AGRCOMM 2367         3           ENR 2367         MATHEMATICS/ STATISTICS AND LOGIC MATHEMATICS         MATH 1148         4           MATHEMATICS ARTS AND HUMANITIES Select at least 1 course from 2 of the following areas:         HISTORY 1152 COMPSTD 2301*         3         3           Historical Study Culture and Ideas* Literature* Art*         MATH 1148         4         3           SOCIAL AND BEHAVIORAL SCIENCES Social and Behavioral Sciences AEDECON 2001 RURLISOC 1500         AEDECON 2001 RURLISOC 1500         3         3           NATURAL SCIENCES         min. 6         BIOLOGY 1113 CHEM 1110         4           COLLEGE/CAREER ORIENTATION         1         GENSTDS 1201T HORTTEC 1201T         0.5           Additional OTM course(s) (from 5 GE categories above)         HCS 2202 HCS 2202         4           MUSIC 2250*         4           MUSIC 2250*         3           Total General Education         37-40         Total General Education         3           Total General Education with affiliated department/unit where appropriate         BIOTECH 2218T CRPSOIL 2300T CRPSOIL 2300T CRPSOI	General Education		General Education	
ORAL COMMUNICATION         AGRCOMM 2367         3           ENGLISH 1110.01         3         AGRCOMM 2367 or 3130 or ENR 2367           ENR 2367         MATHEMATICS/STATISTICS AND LOGIC         MATHEMATICS         4-5           MATHEMATICS         4-5         HISTORY 1152         3           Select at least 1 course from 2 of the following areas:         min. 6         COMPSTD 2301*         3           Historical Study Culture and Ideas* Literature* Art*         Literature*         AEDECON 2001         3           SCIENCES Social and Behavioral Sciences AEDECON 2001         3         RURLSOC 1500         3           NATURAL SCIENCES         min. 6         BIOLOGY 1113         4           COLLEGE/CAREER ORIENTATION         GENSTDS 1201T         0.5           ORIENTATION         HORTTEC 1201T         0.5           Additional OTM course(s) (from 5 GE categories above)         HCS 2201         4           MUSIC 2250*         4           Total General Education         37-40         Total General Education         43           Total General Education with affiliated department/unit where appropriate         BIOTECH 2218T         3           Developed in consultation with affiliated department/unit where appropriate         PLNTPTH 3001         3           Total Transferable and Major Courses<	Subject	Sem Cr	Course	Sem Cr.
ENGLISH 1110.01   3   AGRCOMM 2367 or 3130 or ENR 2367	ENGLISH COMPOSITION/		ENGLISH 1110.01	3
AGRCOMM 2367 or 3130 or ENR 2367  MATHEMATICS/ STATISTICS AND LOGIC MATHEMATICS 4-5  ARTS AND HUMANITIES Select at least 1 course from 2 of the following areas: Historical Study Culture and Ideas* Literature* Art* SOCIAL AND BEHAVIORAL SCIENCES Social and Behavioral Sciences AEDECON 2001 3 RURLSOC 1500 3 RURLSOC 1500 3 RURLSOC 1500  NATURAL SCIENCES  Min. 6 BIOLOGY 1113 CHEM 1110 5  COLLEGE/CAREER 1 GENSTDS 1201T 0.5  ORIENTATION Additional OTM course(s) (from 5 GE categories above) FORENTATION  Total General Education Transferable and major courses applicable to OSU bachelor's degree CRPSOIL 2300T CRPSOIL 230T	ORAL COMMUNICATION		AGRCOMM 2367	3
ENR 2367	ENGLISH 1110.01			
MATHEMATICS   STATISTICS AND LOGIC   MATHEMATICS   4-5	AGRCOMM 2367 or 3130 or	3		
STATISTICS AND LOGIC   MATHEMATICS	ENR 2367			
MATHEMATICS         4-5         HISTORY 1152         3           Select at least 1 course from 2 of the following areas:         min. 6         HISTORY 1152         3           Historical Study Culture and Ideas* Literature* Art*         Literature* Art*         AEDECON 2001         3           SCIENCES Social and Behavioral Sciences         REDECON 2001         3           AEDECON 2001         3         RURLSOC 1500         3           NATURAL SCIENCES         min. 6         BIOLOGY 1113         4           COLLEGE/CAREER         1         GENSTDS 1201T         0.5           ORIENTATION         HORTTEC 1201T         0.5           Additional OTM course(s) (from 5 GE categories above)         HCS 2202         4           FOSU Columbus major)         HCS 2201         4           Fotal General Education         37-40         Total General Education         43           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T         3           CRPSOIL 2300T         3         3           Peveloped in consultation with affiliated department/unit where appropriate         PLNTPTH 3001         3           PLNTPTH 3001         3         3           Total Transferable and Major Courses         21	MATHEMATICS/		MATH 1148	4
ARTS AND HUMANITIES   Select at least 1 course   from 2 of the following areas:   min. 6   min. 6   Historical Study   Culture and Ideas*   Literature*   Art*	STATISTICS AND LOGIC			
Select at least 1 course from 2 of the following areas:	MATHEMATICS	4-5		
min. 6   m	ARTS AND HUMANITIES		HISTORY 1152	3
min. 6	Select at least 1 course		COMPSTD 2301*	3
Historical Study	from 2 of the following			
Culture and Ideas*         Literature*           Art*         ABDECON 2001           SOCIAL AND BEHAVIORAL         RURLSOC 1500           SCIENCES Social and Behavioral         RURLSOC 1500           Sciences         AEDECON 2001           AEDECON 2001         3           RURLSOC 1500         3           NATURAL SCIENCES         min. 6           BIOLOGY 1113         4           CHEM 1110         5           COLLEGE/CAREER         1           GENSTDS 1201T         0.5           HORTTEC 1201T         0.5           Additional OTM course(s)         HCS 2202         4           (from 5 GE categories above)         HCS 2201         4           MUSIC 2250*         3           or Open Option (course(s) as defined by OSU Columbus major)         BIOTECH 2218T         3           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T         3           CRPSOIL 2300T         3         3           CRPSOIL 2301T         1           Developed in consultation with         HORTTEC 2110T         3           affiliated department/unit where         PLNTPTH 3001         3           appropriate         Total Transferable and Major Courses	areas:	min. 6		
Literature* Art*   SOCIAL AND BEHAVIORAL   SCIENCES Social and Behavioral   Sciences   AEDECON 2001   3   RURLSOC 1500   3   Sciences   AEDECON 2001   3   RURLSOC 1500   3   SURLSOC 1500   3   RURLSOC 1500   3   SURLSOC 1500   3   SURLSOC 1500   3   SURLSOC 1500   3   SURLSOC 1500   SURLS	Historical Study			
Art*   SOCIAL AND BEHAVIORAL   RURLSOC 1500   3   3	Culture and Ideas*			
AEDECON 2001   3   RURLSOC 1500   3   SCIENCES Social and Behavioral Sciences   AEDECON 2001   3   RURLSOC 1500   4   CHEM 1110   5   COLLEGE/CAREER	Literature*			
SCIENCES Social and Behavioral Sciences         RURLSOC 1500         3           AEDECON 2001 RURLSOC 1500         3         3           NATURAL SCIENCES         min. 6 CHEM 1110         4           COLLEGE/CAREER ORIENTATION         1 GENSTDS 1201T OS.         0.5           Additional OTM course(s) (from 5 GE categories above)         HCS 2202 HCS 2201 AS         4           MUSIC 2250*         3         3           Total General Education         37-40 Total General Education         43           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T SQUOT SQU	Art*			
Sciences	SOCIAL AND BEHAVIORAL		AEDECON 2001	
AEDECON 2001 RURLSOC 1500         3 3         Horac Sciences         min. 6 ENDLOGY 1113 CHEM 1110         4 4 4 CHEM 1110         4 5 5           COLLEGE/CAREER ORIENTATION         1 HORTTEC 1201T         0.5 0.5           Additional OTM course(s) (from 5 GE categories above)         HCS 2202 HCS 2201         4 4 MUSIC 2250*           or Open Option (course(s) as defined by OSU Columbus major)         MUSIC 2250*         3 3           Total General Education         37-40         Total General Education         43           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T CRPSOIL 2300T CRPSOIL 2300T         3 CRPSOIL 2301T         3 CRPSOIL 2301T         1 1 HORTTEC 2110T         3 3 1 2 1 2 Technical electives         3 6           Total Transferable and Major Courses         6	SCIENCES Social and Behavioral		RURLSOC 1500	3
RURLSOC 1500         3           NATURAL SCIENCES         min. 6         BIOLOGY 1113         4           COLLEGE/CAREER         1         GENSTDS 1201T         0.5           ORIENTATION         HORTTEC 1201T         0.5           Additional OTM course(s)         HCS 2202         4           (from 5 GE categories above)         HCS 2201         4           MUSIC 2250*         3           or Open Option (course(s) as defined by OSU Columbus major)         BIOTECH 2218T         3           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T         3           CRPSOIL 2300T         3         3           CRPSOIL 2301T         1           Developed in consultation with affiliated department/unit where appropriate         PLNTPTH 3001         3           appropriate         PLNTPTH 3002         2           Technical electives         6           Total Transferable and Major Courses         21	Sciences			
NATURAL SCIENCES         min. 6         BIOLOGY 1113         4           COLLEGE/CAREER         1         GENSTDS 1201T         0.5           ORIENTATION         HORTTEC 1201T         0.5           Additional OTM course(s)         HCS 2202         4           (from 5 GE categories above)         HCS 2201         4           MUSIC 2250*         3           or Open Option (course(s) as defined by OSU Columbus major)         BIOTECH 2218T         3           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T         3           CRPSOIL 2300T         3         3           CRPSOIL 2301T         1           Developed in consultation with affiliated department/unit where appropriate         PLNTPTH 3001         3           appropriate         PLNTPTH 3002         2           Technical electives         6           Total Transferable and Major Courses         21	AEDECON 2001	3		
COLLEGE/CAREER         1         GENSTDS 1201T         0.5           ORIENTATION         HORTTEC 1201T         0.5           Additional OTM course(s)         HCS 2202         4           (from 5 GE categories above)         HCS 2201         4           or Open Option (course(s) as defined by OSU Columbus major)         MUSIC 2250*         3           Total General Education         37-40         Total General Education         43           Transferable and major courses applicable to OSU bachelor's degree         BIOTECH 2218T         3           CRPSOIL 2300T         3         3           CRPSOIL 2301T         1           Developed in consultation with affiliated department/unit where appropriate         PLNTPTH 3001         3           appropriate         PLNTPTH 3002         2           Technical electives         6           Total Transferable and Major Courses         21	RURLSOC 1500	3		
COLLEGE/CAREER1GENSTDS 1201T HORTTEC 1201T0.5Additional OTM course(s) (from 5 GE categories above)HCS 2202 HCS 2201 MUSIC 2250*4or Open Option (course(s) as defined by OSU Columbus major)MUSIC 2250*3Total General Education37-40Total General Education43Transferable and major courses applicable to OSU bachelor's degree CRPSOIL 2300T CRPSOIL 2301T HORTTEC 2110T appropriate3CRPSOIL 2301T HORTTEC 2110T PLNTPTH 3001 PLNTPTH 3001 PLNTPTH 3002 Technical electives3Total Transferable and Major Courses2	NATURAL SCIENCES	min. 6	BIOLOGY 1113	
ORIENTATIONHORTTEC 1201T0.5Additional OTM course(s) (from 5 GE categories above)HCS 2202 HCS 2201 MUSIC 2250*4 MUSIC 2250*Total General Education37-40Total General Education43Transferable and major courses applicable to OSU bachelor's degreeBIOTECH 2218T CRPSOIL 2300T CRPSOIL 2300T CRPSOIL 2301T HORTTEC 2110T Affiliated department/unit where appropriate3 PLNTPTH 3001 PLNTPTH 3002 PLNTPTH 3002 Technical electives3 CTOTAL Transferable and Major Courses			CHEM 1110	
Additional OTM course(s) (from 5 GE categories above)  Or Open Option (course(s) as defined by OSU Columbus major)  Total General Education  Transferable and major courses applicable to OSU bachelor's degree  Developed in consultation with affiliated department/unit where appropriate  Total Transferable and Major Courses  Additional OTM course(s)  HCS 2202  HCS 2201  MUSIC 2250*  3  Total General Education  BIOTECH 2218T  CRPSOIL 2300T  CRPSOIL 2300T  1  HORTTEC 2110T  3  PLNTPTH 3001  3  PLNTPTH 3001  3  PLNTPTH 3002  2  Technical electives  6  Total Transferable and Major Courses	COLLEGE/CAREER	1	GENSTDS 1201T	0.5
(from 5 GE categories above)HCS 2201 MUSIC 2250*4 MUSIC 2250*Total General Education37-40Total General Education43Transferable and major courses applicable to OSU bachelor's degreeBIOTECH 2218T CRPSOIL 2300T CRPSOIL 2301T HORTTEC 2110T3 CRPSOIL 2301T HORTTEC 2110T PLNTPTH 3001 PLNTPTH 3002 Technical electives3 3 6 6 Total Transferable and Major Courses	ORIENTATION		HORTTEC 1201T	0.5
or Open Option (course(s) as defined by OSU Columbus major)  Total General Education  Transferable and major courses applicable to OSU bachelor's degree  Developed in consultation with affiliated department/unit where appropriate  Total General Education  37-40  Total General Education  BIOTECH 2218T  CRPSOIL 2300T  CRPSOIL 2301T  HORTTEC 2110T  3 affiliated department/unit where appropriate  PLNTPTH 3001  PLNTPTH 3002  Technical electives  6  Total Transferable and Major Courses	Additional OTM course(s)		HCS 2202	4
or Open Option (course(s) as defined by OSU Columbus major)  Total General Education  Transferable and major courses applicable to OSU bachelor's degree  CRPSOIL 2300T  CRPSOIL 2301T  Developed in consultation with affiliated department/unit where appropriate  PLNTPTH 3001  PLNTPTH 3002  Technical electives  6  Total Transferable and Major Courses	(from 5 GE categories above)		HCS 2201	4
Total General Education Transferable and major courses applicable to OSU bachelor's degree  CRPSOIL 2300T CRPSOIL 2301T Developed in consultation with affiliated department/unit where appropriate  PLNTPTH 3001 PLNTPTH 3002 Technical electives  Total Transferable and Major Courses  1  1  1  1  1  1  1  1  1  1  1  1  1			MUSIC 2250*	3
Total General Education37-40Total General Education43Transferable and major courses applicable to OSU bachelor's degreeBIOTECH 2218T CRPSOIL 2300T CRPSOIL 2301T3Developed in consultation with affiliated department/unit where appropriateHORTTEC 2110T PLNTPTH 3001 PLNTPTH 3002 Technical electives3Total Transferable and Major Courses21				
Transferable and major courses applicable to OSU bachelor's degree CRPSOIL 2300T 3 CRPSOIL 2301T 1 Developed in consultation with HORTTEC 2110T 3 affiliated department/unit where appropriate PLNTPTH 3001 2 Technical electives 6  Total Transferable and Major Courses 21	by OSU Columbus major)			
Transferable and major courses applicable to OSU bachelor's degree CRPSOIL 2300T 3 CRPSOIL 2301T 1 Developed in consultation with HORTTEC 2110T 3 affiliated department/unit where appropriate PLNTPTH 3001 2 Technical electives 6  Total Transferable and Major Courses 21				
Transferable and major courses applicable to OSU bachelor's degree CRPSOIL 2300T 3 CRPSOIL 2301T 1 Developed in consultation with HORTTEC 2110T 3 affiliated department/unit where appropriate PLNTPTH 3001 2 Technical electives 6  Total Transferable and Major Courses 21	Total General Education	37-40	Total General Education	43
applicable to OSU bachelor's degree CRPSOIL 2300T 1  Developed in consultation with affiliated department/unit where appropriate PLNTPTH 3001 2  Technical electives 6  Total Transferable and Major Courses 21		07 40		
CRPSOIL 2301T 1  Developed in consultation with 4  affiliated department/unit where 4  appropriate PLNTPTH 3001 3  PLNTPTH 3002 2  Technical electives 6  Total Transferable and Major Courses 21	3			
Developed in consultation with affiliated department/unit where appropriate PLNTPTH 3001 3 PLNTPTH 3002 2 Technical electives 6 Total Transferable and Major Courses 21	application to observation is degree			
affiliated department/unit where appropriate PLNTPTH 3001 3 PLNTPTH 3002 2 Technical electives 6 Total Transferable and Major Courses 21	Developed in consultation with			
appropriate PLNTPTH 3002 2 Technical electives 6 Total Transferable and Major Courses 21				
Technical electives 6 Total Transferable and Major Courses 21	•			
Total Transferable and Major Courses 21	abb-obitate			
y				
DEGREE TOTAL 60-65   DEGREE TOTAL 64	DEGREE TOTAL	60-65	DEGREE TOTAL	

<sup>\*</sup>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.

HORTSCI-AS Catalog Year 2015-2016

#### **Horticultural Science Associate of Science**

<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st year – Autumn Ser</u>	<u>nester</u>	
ENGLISH 1110.01 GENSTDS 1201T HORTTEC 1201T HORTTEC 2110T MATH 1148 RURLSOC 1500	First-Year English Composition College Orientation Exploring Horticulture Plant Materials I College Algebra Introduction to Rural Sociology	3 .5 .5 .3 4 <u>3</u> <b>14</b>
1st year – Spring Semo	<u>ester</u>	
AGRCOMM 2367 BIOLOGY 1113 CHEMISTRY 1110 HCS 2202	Agricultural Issues in Contemporary Society Bio Sci: Energy Transfer and Development Elementary Chemistry Form and Function in Cultivated Plants	3 4 5 4 16
2 <sup>nd</sup> year – Autumn Se	<u>mester</u>	
BIOTECH 2218T COMPSTD 2301 CRPSOIL 2300T CRPSOIL 2301T ELECTIVES PLNTPTH 3001 PLNTPTH 3002	General and Applied Entomology Introduction to World Literature Introduction to Soil Science Lecture Introduction to Soil Science Laboratory From approved list in consultation with advisor General Plant Pathology Lecture General Plant Pathology Laboratory	3 3 1 3 2 18
2 <sup>nd</sup> year – Spring Sem	<u>ester</u>	
AEDECON 2001 ELECTIVES HCS 2201 HISTORY 1152 MUSIC 2250	Principles of Food and Resource Economics From approved list in consultation with advisor Ecology of Managed Plant Systems American Civilization since 1877 Music Cultures of the World	3 3 4 3 3 16
	TOTA	L 64

### **ELECTIVES** – 6 hours required (select **any** combination in consultation with your advisor)

GE Courses (required in the B	S degree in Sustainable Plant Systems)	
AGRCOMM 3130	Oral Expressions in Agriculture	3
COMLDR 3537	Data Analysis in the Applied Sciences	3
RELSTDS 2370	Introduction to Comparative Religion	3
For Horticulture Specialization	in the BS degree	
HORTTEC 2410T	Sustainable Nursery Management and Production	4
HORTTEC 2500T	Greenhouse Environment Control	4
For Turfgrass and Sports Turfg	rass Science Specialization in the BS degree	
HORTTEC 2230T	Fundamentals of Turfgrass Science and Management	3
HORTTEC 2260T	Sports Turf Operations Organization and Management	3
For Ag Business Minor		
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2241T	Small Business Management	3
BUSTEC 2231T	Fundamentals of Marketing	3
	-	
And any ONE (1) of the	ne following:	
BUSTEC 2232T	Personal Selling	3
BUSTEC 2249T	Fundamentals of Business Finance	3
BUSTEC 2248T	Introduction to Cooperatives	3
BUSTEC 2244T	Human Resource Management and Leadership	3
BUSTEC 2247T	Business Law	3





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

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

metzger.72@osu.edu

November 12, 2015

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

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. 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