

**Temple University Ambler College**  
**LCCC Associate in Science in Natural Science - Horticulture and Plant Science Option**  
**to**

**Bachelor of Science in Horticulture at Temple University**

<b>LCCC Recommended Course</b>			<b>Temple University Equivalent</b>		
<b>First Semester</b>		<b>Credits</b>	<b>First Semester</b>		<b>Credits</b>
BIO 110	General Biology I	4	BIO 2112	Intro to Biology II	4
BIO/HRT 118	Woody Plants in the Landscape	4	HORT 1211	Woody Plants I	4
ENG 105	College English I	3	ENG 1002	English Composition	3
MAT 160	College Algebra (or higher math)	3	MATH 1021	College Algebra	3
Elective	Social Science/Humanities <sup>2</sup>	3		Elective	3
Total		17	Total		17
<b>Second Semester</b>			<b>Second Semester</b>		
BIO 111	General Biology II	4	BIO 1111	Intro to Biology I	4
CHE 111	General Chemistry I	4	CHEM 1031/1033	General Chemistry I	4
ENG 106	College English II	3	ENG 2796	Writing Research Essay	3
Elective	Social Science/Humanities <sup>2</sup>	3		Elective	3
ENG 111	Speech <sup>3</sup>	3	STOC 1111	Public Speaking	3
Total		17	Total		17
<b>Third Semester</b>			<b>Third Semester</b>		
BIO/HRT 119	Herbaceous Plants in the Landscape	4	HORT 2221	Herbaceous Plants 1	4
BIO/HRT 231	Entomology	4	HORT 3423	Applied Entomology	4
BIO 205	Principles of Botany	4	BOTANY 1111	General Botany	4
CHE 112	General Chemistry II	4	CHEM 1032/1034	General Chemistry II	4
Total		16	Total		16
<b>Fourth Semester</b>			<b>Fourth Semester</b>		
BIO/HRT 208	Plant Propagation	4	HORT 2324	Plant Propagation	4
BIO/HRT 236	Soil Science	4	HORT 2114	Soils	4
BIO/CHE/ PHY 250	Selected Topics in the Natural Sciences	1		Elective	1
Elective	Social Science/Humanities <sup>2</sup>	3		Elective	3
Elective	General Education <sup>4</sup>	3		Elective	3-4
Total		15	Total		15-16
<b>Total: 65</b>			<b>Total: 65</b>		

**Notes:**

- Students completing the A.S. in Science in Natural Science - Horticulture and Plant Science Option at Lehigh Carbon Community College will have satisfied their Core-to-Core certification requirements at Temple if they complete a total of 3 courses in the social sciences/humanities plus ENG 106 (College English II) and ENG 111 (Speech). Students will be required to complete the Core-to-Core Transfer Agreement Certification Process in order for their Temple record to reflect the satisfied Core. Students who do not complete the 5 courses in the social sciences/humanities will be required to complete the 45+ Core Curriculum.
- For this agreement the following areas will satisfy the Social Science/Humanities requirement at **Temple and LCCC**: Arabic (ARB), Art (ART) 101, Chinese (CHN), (ENG) 154 or higher excluding ENG 225, 235, Economics (ECO), French (FRN), German (GRM), Geography (GEO), History (HIS), Interdisciplinary Studies (IDS) 154 , 214, 215, Music (MUS) 101, 105, or 107, Philosophy (PHI), Political Science (PSC), Psychology (PSY), Religion (REL), Sociology (SOC), or Spanish (SPN).
- Selecting ENG 111 (Speech) to fulfill a Gen Ed elective at LCCC fulfills the Public Speaking (STOC 1111) requirement at Temple and will be used for 1 of the 5 required social science/humanities for the Core-to-Core certification.
- Students are encouraged to work with their academic advisor/counselor in the selection of appropriate electives.

Following the below semester plan will result in students satisfying the remaining B.S. in Horticulture degree requirements at Temple University.

Remaining requirements at Temple University					
<i>Fifth Semester</i>			<i>Sixth Semester</i>		
LA 1013	Natural & Built Environment	3	BOTANY 1112	Plant Ecology	3
HORT 2323	Greenhouse Management	3	HORT 1212	Woody Plants 2	3
LA 2496	Landscape Traditions	3	HORT 2222	Herbaceous Plants 2	3
HORT/LA	ELECTIVE	3	BOTANY 2121	Plant Physiology	4
	ELECTIVE	4	LA 1142	Design Communications	3
<b>Total:</b>		16	<b>Total:</b>		16
<i>Seventh Semester</i>			<i>Eighth Semester</i>		
HORT 3523	Landscape Management	3	HORT 3514	Landscape Restoration	3
BOTANY 3122	Applied Plant Physiology	3	HORT 3424	Applied Plant Pathology	3
HORT 4896	Senior Seminar	3	HORT 2334	Food Crops	3
HORT/LA	ELECTIVE	3	HORT/LA	ELECTIVE	3
	ELECTIVE	3			
<b>Total:</b>		15	<b>Total:</b>		12

**Total Credits: 124**

Notes:

5. To find the online application:
  - Go to [www.temple.edu/undergrad](http://www.temple.edu/undergrad)
  - Click on “Applying” on the gray bar across the top
  - Click on “Transfer Students” on the left hand side - This will take you directly to an online application
6. All inquiries about the undergraduate program and application are handled through the Office of Undergraduate Admissions. If you have specific questions about your application or the admission process, please call 267-468-8100. If you have specific questions about Ambler College or the Horticulture curriculum, you may contact the Ambler Academic Advising office at 267-468-8100.