

**Longwood Gardens' Professional Gardener Program  
and the  
University of Delaware**

# **Program Articulation Agreement**

**Professional Gardener Program  
&  
Baccalaureate Degree in  
Agriculture and Natural Resources**

**2012-2017**

## **PROVISIONS OF THE AGREEMENT:**

1. This program articulation agreement applies to Longwood Gardens' Professional Gardener Program and the University of Delaware's Baccalaureate Degree Program in Agriculture and Natural Resources.
2. The institutions agree to follow the joint program curriculum and course by course articulation delineated in the document.
3. Both programs will cooperate toward developing, disseminating, and presenting the articulated program information to students.
4. Graduates of the Longwood Gardens' Professional Gardener Program with a cumulative grade point average of 2.5 or higher will automatically be accepted into the Bachelor of Science in Agriculture and Natural Resources program at the University of Delaware.
5. All course credits earned with a C or better will be accepted for transfer according to the program matrix.
6. Students intending to transfer should complete the admissions application for the University of Delaware no earlier than the first year of the Professional Gardener Program.
7. Students are subject to all the policies and procedures of both institutions.
8. This articulation agreement is based on the present curricula contained in this document and it is effective for a five-year period from 2012-2017. In the final year of the agreement, representatives from both institutions will review the conditions of articulation.
9. Both institutions at any time may initiate changes to this articulation agreement. Both institutions reserve the right to modify the programs as deemed necessary and agree to inform the appropriate individuals of said changes.

**Articulation of Courses for Longwood Gardens' Professional Gardener Program to the  
University of Delaware's Agriculture and Natural Resources Baccalaureate Degree**

Direct Articulation

Longwood Course

University of Delaware Course

HORT 1652: Floral Design (2)

PLSC 120: Flower Arranging for Beginners (1) & PLSC 167 Themed Flower Arrangements (1)

SOIL 1123: Fundamentals of Soil Science (3)

PLSC 204: Introduction to Soil Science (3)

HORT 2613: Herbaceous Ornamental Plants (3)

PLSC 211: Herbaceous Landscape Plants (3)

HORT 2623: Woody Ornamental Plants (3)

PLSC 212: Woody Landscape Plants (4)

LAND 1612: Introduction to Landscape Design (2)

PLSC 232: Basic Landscape Design (4)

HORT 2511 & 2512: Fruit and Vegetable Culture and lab (3)

PLSC 302: Vegetable Science (4)

HORT 2913: Turfgrass Management (3)

PLSC 313: Turf Establishment and Maintenance (4)

LAND 2653: Landscape Design & Construction (3)

PLSC 330: Landscape Construction Details (4)

BUS 1012: Business Management (2)

PLSC 403: Nursery and Garden Center Management (4)

PLNT 1223: Weed Identification & Management (3)

PLSC 467: Weed Science Principles and Applications (4) This was an experimental course and Mark Isaacs is applying for permanent status.

HORT 1711 & HORT 2813: Hort. Internship and Study Abroad

DLE: Discovery Learning Experience

SPCH 1713: Speech Communication (3)

COMM 350: Public Speaking (3)

CHEM 1112: Chemistry in Horticulture (2)

CHEM 166: Chemistry elective (2)

PLNT 1031 & 1032: Entomology and Entomology Lab (3)

ENWC 166: Entomology elective (3)

LAND 1012: History & Theory of Landscape Design (2)

PLSC 166: Elective (2)

PLNT 1023: Plant Pathology (3)

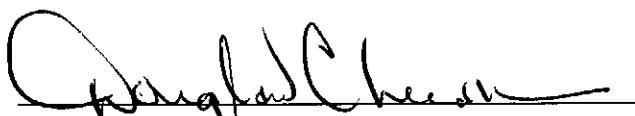
PLSC 366: Elective (3)

Written approval of all of the above named courses to be transferred resides at the University of Delaware in the College of Agriculture and Natural Resources, Academic Programs Office in 104 Townsend Hall.

**APPROVAL**

This program articulation agreement is between the Longwood Gardens' Professional Gardener Program and the University of Delaware's Bachelor of Science Degree in Agriculture and Natural Resources.

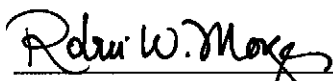
Approval is granted for a five-year term from 2012-2017 according to the terms of this agreement by:



Dr. Douglas C. Needham, Education Department Head  
Longwood Gardens

11-30-2011

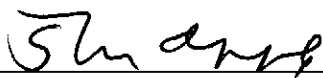
Date



Dr. Robin Morgan, Dean  
College of Agriculture and Natural Resources  
University of Delaware

12-2-2011

Date



Dr. Tom Apple, Provost  
University of Delaware

12/6/11

Date

# Agriculture & Natural Resources Graduation Check Sheet

124 credits required

Fall 2011

Name:	UDID:	Phone:
Catalog Date:	Minor(s):	Email:

## UNIVERSITY REQUIREMENTS

All requirements must be fulfilled as indicated in the University Catalog. Exceptions are granted only in extenuating circumstances and only by the Office of Academic Programs. (10 credits)

COURSE	TITLE	CR	GRADE
ENGL 110	Critical Reading and Writing (minimum C-)	3	
	First Year Experience (1Y)	1	N/A
Longwood Study Abroad	Discovery Learning Experiences (DLE)	3	TR
	Multicultural Course	3	

### University Breadth Requirements (9 credits)

(A minimum grade of C- is required for all University Breadths)

<b>Creative Arts and Humanities</b>			
		3	
<b>History and Cultural Change</b>			
		3	
<b>Social and Behavioral Sciences</b>			
		3	
<b>Mathematics, Natural Sciences, and Technology</b>			
(Fulfilled by Physical Sciences Requirements)		*	

## COLLEGE BREADTH REQUIREMENTS

### Agriculture and Natural Resources (3 approved areas, 9 credits)

May not use to fulfill Major requirements.

ENWC 166	Elective Credit	3	TR

### Physical Sciences (1 area, 8 credits)

CHEM 101/102 or 103/104	General Chemistry	8	
PHYS 201/202 or 207/208	Introductory Physics	8	
SCEN 101/102	Physical Science	8	

\*Credits for these courses should not be counted in the total number of credit hours as they have already been included elsewhere on this checksheet.

## MAJOR REQUIREMENTS

### Mathematics and Computer Science (6 credits)

MATH 115 or higher	Pre-Calculus or above	3	
FREC 135 (or equiv.)	Intro to Data Analysis	3	

### Communications

Written and oral communication courses cannot be double counted to fulfill another requirement.

### A minimum of one course in written communications chosen from the following: (3 credits)

ENGL 301	Expository Writing	3	
ENGL 302	Advanced Composition	3	
ENGL 312	Written Comm. in Business	3	
ENGL 410	Technical Writing	3	

### A minimum of one course in oral communications chosen from the following: (3 credits)

AGRI 213	Oral Comm. in Ag. & Natural Resources	3	N/A
COMM 212	Oral Comm. in Business	3	N/A
COMM 255	Fundamentals of Comm.	3	N/A
COMM 350	Public Speaking	3	TR

### Courses in the College of Agriculture & Natural Resources

30 credits (15 credits at the 300-level or above) from any of the following areas: Food and Resource Economics, Bioresources Engineering, Agricultural Education, Animal and Food Sciences, Entomology and Wildlife Ecology, Statistics, Agriculture, or Plant and Soil Sciences. (A maximum of twelve credits of Special Problem/Independent Study/Field Experience may be counted toward the degree, with a maximum of six credits in any one area.)

(15 credits)

COURSE	TITLE	CR	GRADE
PLSC 120	Flower Arranging for Beginners	1	TR
PLSC 204	Introduction to Soil Science	3	TR
PLSC 211	Herbaceous Landscape Plants	3	TR
PLSC 212	Woody Landscape Plants	4	TR
PLSC 232	Basic Landscape Design	4	TR

### Courses in the College of Agriculture & Natural Resources at the 300-level or above (15 credits)

PLSC 302	Vegetable Science	4	TR
PLSC 313	Turf Establishment & Maintenance	4	TR
PLSC 330	Landscape Construction Details	4	TR
PLSC 366	Elective Credit	3	TR

