

## Horticulture (A.A.S. Degree)

### REMEDIAL SEQUENCE (if required)

<input type="checkbox"/> ESL 1 (8) ▶▶	<input type="checkbox"/> ESL 2 (6) ▶▶	<input type="checkbox"/> ESL 3 (6) ▶▶	<input type="checkbox"/> ENG 9 (4)
<input type="checkbox"/> ENG 1 (4) ▶▶	<input type="checkbox"/> ENG 2 (4)		
<input type="checkbox"/> RDL 1 (4) ▶▶	<input type="checkbox"/> RDL 2 (6)		
<input type="checkbox"/> MTH 1 (4) ▶▶	<input type="checkbox"/> MTH 5 (6) ▶▶	<input type="checkbox"/> MTH 6 (6)	
<input type="checkbox"/> CHM 2 (4)			

### GRADUATION REQUIREMENTS

<input type="checkbox"/> CAT-R	<input type="checkbox"/> CAT-W	<input type="checkbox"/> CAT-M	<input type="checkbox"/> GPA > 2.0
<input type="checkbox"/> Writing Intensive I	<input type="checkbox"/> Writing Intensive II		

### FRESHMAN SEMINAR

<input type="checkbox"/>	FYS 11	1
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### PATHWAYS REQUIRED CORE (course list available online)

<input type="checkbox"/> A	English Composition – ENG 110/111	3
<input type="checkbox"/> C	Life and Physical Sciences <sup>1</sup> –BIO 11	4

### PATHWAYS FLEXIBLE CORE (course list available online)

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 OR HIS 11	3
<input type="checkbox"/> D	Individual and Society COMM 11	3
<input type="checkbox"/> E	Scientific World BIO 12 AND CHM 17	8

Pathways Total: 24

<sup>1</sup> CHM 2 is a pre-requisite for CHM 11 and CHM 17. You can place out of CHM 2 by taking a Chemistry Department administered Chemistry Placement Exam or by having scored 75 or higher on the NYS High School Regents Chemistry exam.

<sup>2</sup>Students with remedial placement above ENG 1 & RDL 1 will take HIS 11

## RECOMMENDED 2-YEAR ACADEMIC PLAN

### SEMESTER I Freshman

<input type="checkbox"/> ENG 110 or ENG 111	Fundamentals of Composition and Rhetoric <b>OR</b> Composition and Rhetoric I	3
<input type="checkbox"/> BIO 11	General Biology I	4
<input type="checkbox"/> BUS 111	Applications of Mathematics for Business	3
<input type="checkbox"/> ART 10 OR MUS 10	Art Survey OR Music Survey	1
<b>Subtotal:</b>		<b>12</b>

### SEMESTER II Freshman

<input type="checkbox"/> BIO 12	General Biology II	4
<input type="checkbox"/> PEA	Physical Activity Course	1
<input type="checkbox"/> COMM 11	Fundamentals of Interpersonal Communication	3
<input type="checkbox"/> CHM 17 <sup>1</sup>	Fundamentals of General Chemistry I	4
<b>Subtotal:</b>		<b>12</b>

### SEMESTER III Sophomore

<input type="checkbox"/> HIS 10 OR HIS 11 <sup>2</sup>	History of the Modern World OR Introduction to the Modern World	3
<input type="checkbox"/> PSY 11 OR SOC 11	Introduction to Psychology OR Introduction to	3
<input type="checkbox"/> BOT 11	Basic Botany <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> BOT 41	Entomology <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> GAR 21	Soil Sciences I <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> HRT 13	Turf and Grounds Management	2
<b>Subtotal:</b>		<b>11</b>

### SEMESTER IV Sophomore

<input type="checkbox"/> BUS 51	Principles of Management	3
<input type="checkbox"/> GAR 11	Horticultural Techniques I <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> BOT 64	Woody Plant Identification: Spring Trees & Shrubs	1
<input type="checkbox"/> GAR 81	Plants for Landscaping	1
<input type="checkbox"/> HRT 15	Perennials & Flower Borders	2
<input type="checkbox"/> HRT ELECTIVE	Horticulture Field Experience	1
<input type="checkbox"/> LND 12	Graphics	1
<b>Subtotal:</b>		<b>10</b>

### SEMESTER V Sophomore

<input type="checkbox"/> BOT 12	Plant Form and Function <b>(NYBG)</b>	1
<input type="checkbox"/> BOT 13	Plant Physiology <b>(NYBG)</b>	1
<input type="checkbox"/> GAR 12	Horticulture Techniques II <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> GAR 24	Soil Sciences II <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> GAR 32	Diseases of Ornamental Plants <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> BOT 61	Woody Plant Identification: Fall Trees & Shrubs	1
<input type="checkbox"/> GAR 13	Pruning <b>(NYBG Core Requirement)</b>	1
<input type="checkbox"/> GAR 41	Plant Propagation	1
<input type="checkbox"/> HRT 14	Arboriculture	2
<input type="checkbox"/> HRT 16	Greenhouse Operations	2
<input type="checkbox"/> GAR 31	Preparation for Pesticide Applicator Certification <b>(NYBG Core Requirement)</b>	2
<input type="checkbox"/> GAR 51	Turf & Grounds Maintenance	1
<b>Subtotal:</b>		<b>15</b>

**TOTAL 60**