

PATHWAYS

Ornamental Horticulture (A.A.S Degree)

General Horticulture Specialization

FALL 2016-SPRING 2017

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) |
|---------------------------------------|---------------------------------------|---------------------------------------|------------------------------------|

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|---------------------------------------|------------------------------------|
| <input type="checkbox"/> ENG 1 (4) ▶▶ | <input type="checkbox"/> ENG 2 (4) |
|---------------------------------------|------------------------------------|

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|---------------------------------------|------------------------------------|
| <input type="checkbox"/> RDL 1 (4) ▶▶ | <input type="checkbox"/> RDL 2 (6) |
|---------------------------------------|------------------------------------|

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| <input type="checkbox"/> MTH 1 (4) ▶▶ | <input type="checkbox"/> MTH 5 (6) |
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| <input type="checkbox"/> CHM 2 (4) |
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GRADUATION REQUIREMENTS

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|--------------------------------|--------------------------------|--------------------------------|------------------------------------|
| <input type="checkbox"/> CAT-R | <input type="checkbox"/> CAT-W | <input type="checkbox"/> CAT-M | <input type="checkbox"/> GPA ≥ 2.0 |
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| <input type="checkbox"/> Writing Intensive 1 | <input type="checkbox"/> Writing Intensive 2 |
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FRESHMEN SEMINAR

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|---|
| <input type="checkbox"/> FYS 11 / OCD 1 |
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¹ These NYBG core and specialization requirements are given at the New York Botanical Garden

² To be chosen from Horticulture with approval of department.

MAJOR REQUIREMENTS (NYBG Core Requirements¹)

| | | |
|---------------------------------|--|-----------|
| <input type="checkbox"/> BOT 11 | Basic Botany | 1 |
| <input type="checkbox"/> BOT 12 | Plant Form and Function | 1 |
| <input type="checkbox"/> BOT 13 | Plant Physiology | 1 |
| <input type="checkbox"/> BOT 41 | Entomology | 1 |
| <input type="checkbox"/> GAR 11 | Horticultural Techniques I | 1 |
| <input type="checkbox"/> GAR 12 | Horticultural Techniques II | 1 |
| <input type="checkbox"/> GAR 13 | Pruning | 1 |
| <input type="checkbox"/> GAR 21 | Soil Sciences I | 1 |
| <input type="checkbox"/> GAR 24 | Soil Sciences II | 1 |
| <input type="checkbox"/> GAR 31 | Preparation for Pesticide Applicator Certification | 2 |
| <input type="checkbox"/> GAR 32 | Diseases of Ornamental Plants | 1 |
| Subtotal: | | 12 |

REQUIRED COMMON CORE

| | | |
|----------------------------|---|----------|
| <input type="checkbox"/> A | English Composition ENG 10 Fundamentals of Composition OR ENG 11 Composition or Rhetoric | 3 |
| <input type="checkbox"/> B | Life and Physical Sciences BIO 11 General Biology I | 4 |
| Subtotal: | | 7 |

FLEXIBLE COMMON CORE

| | | |
|----------------------------|---|-----------|
| <input type="checkbox"/> A | World Cultures and Global Issues HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World | 3 |
| <input type="checkbox"/> D | Individual and Society COMM 11 Fundamentals of Interpersonal Communications | 3 |
| <input type="checkbox"/> E | Scientific World <input type="checkbox"/> BIO 12 General Biology II <input type="checkbox"/> CHM 17 Fundamentals of General Chemistry I | 4 4 |
| Subtotal: | | 14 |

MAJOR REQUIREMENTS

| | | |
|---|--|-----------|
| <input type="checkbox"/> ART 10 or MUS 10 | Art Survey OR Music Survey | 1 |
| <input type="checkbox"/> BUS 111 | Applications of Mathematics for Business | 3 |
| <input type="checkbox"/> BUS 51 | Business Organization & Management | 3 |
| <input type="checkbox"/> PSY 11 or SOC 11 | Introduction to Psychology OR Sociology | 3 |
| <input type="checkbox"/> PEA | Physical Education (one activity course) | 1 |
| Subtotal: | | 11 |

MAJOR REQUIREMENTS (General Horticulture Specialization¹)

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|-----------------------------------|---|-----------|
| <input type="checkbox"/> BOT 61 | Woody Plant Identification: Fall Trees & Shrubs | 1 |
| <input type="checkbox"/> BOT 64 | Woody Plant Identification: Spring Trees & Shrubs | 1 |
| <input type="checkbox"/> GAR 41 | Plant Propagation | 1 |
| <input type="checkbox"/> GAR 51 | Turf & Grounds Maintenance | 1 |
| <input type="checkbox"/> GAR 81 | Plants for Landscaping | 1 |
| <input type="checkbox"/> HRT 13 | Turf & Grounds Management | 2 |
| <input type="checkbox"/> HRT 14 | Arboriculture | 2 |
| <input type="checkbox"/> HRT 15 | Perennials & Flower Borders | 2 |
| <input type="checkbox"/> HRT 16 | Greenhouse Operations | 2 |
| <input type="checkbox"/> HRT ELEC | Horticulture Field Exp. Electives ² | 1 |
| <input type="checkbox"/> LND 11 | Landscape Design Theory | 1 |
| <input type="checkbox"/> LND 12 | Graphics | 1 |
| Subtotal: | | 16 |
| TOTAL: | | 60 |