### PATHWAYS

**Horticulture (A.A.S. Degree)**

**General Horticulture Specialization**

**FALL 2021-SPRING 2022**

#### REMEDIAL SEQUENCE (if required)
- ESL 1 (8) ➔ ESL 2 (6) ➔ ESL 3 (6) ➔ ENG 9 (4)
- ENG 11 (4) ➔ ENG 13 (4)
- RDL 1 (4) ➔ RDL 2 (6)
- MTH 1 (4) ➔ MTH 5 (6) ➔
- CHM 2 (4)

#### GRADUATION REQUIREMENTS
- GPA ≥ 2.0
- Writing Intensive 1
- Writing Intensive 2

#### FRESHMAN SEMINAR
- FYS 11

#### MAJOR REQUIREMENTS (NYBG Core Requirements)\(^4\)
- BOT 11  Basic Botany 1
- BOT 12  Plant Form and Function 1
- BOT 13  Plant Physiology 1
- BOT 41  Entomology 1
- GAR 11  Horticultural Techniques I 1
- GAR 12  Horticultural Techniques II 1
- GAR 13  Pruning 1
- GAR 21  Soil Sciences I 1
- GAR 24  Soil Sciences II 1
- GAR 31  Preparation for Pesticide Applicator Certification 2
- GAR 32  Diseases of Ornamental Plants 1

**Subtotal:** 12

#### REQUIRED COMMON CORE
- **A**  English Composition I
  - ENG 100\(^1\) Integrated Reading and Writing OR ENG 110\(^1\) Fundamentals of Writing and Rhetoric
  - ENG 111 Writing and Rhetoric 3
- **B**  Life and Physical Sciences
  - BIO 11 General Biology I 4

**Subtotal:** 7

#### FLEXIBLE COMMON CORE
- **A**  World Cultures and Global Issues
  - HIS 10 History of the Modern World OR HIS 11\(^2\) Introduction to the Modern World 3
- **D**  Individual and Society
  - COMM 11 Fundamentals of Interpersonal Communications 3
- **E**  Scientific World
  - BIO 12 General Biology II AND CHM 17 Fundamentals of General Chemistry I

**Subtotal:** 14

#### MAJOR REQUIREMENTS\(^3\)
- ART 10 or MUS 10  Art Survey OR Music Survey 1
- BUS 111  Applications of Mathematics for Business 3
- BUS 51  Business Organization & Management 3
- PSY 11 or SOC 11  Introduction to Psychology OR Sociology 3
- PEA  Physical Education (one activity course) 1

**Subtotal:** 11

#### MAJOR REQUIREMENTS (General Horticulture Specialization)\(^4\)
- BOT 61  Woody Plant Identification: Fall Trees & Shrubs 1
- BOT 64  Woody Plant Identification: Spring Trees & Shrubs 1
- GAR 41  Plant Propagation 1
- GAR 51  Turf & Grounds Maintenance 1
- GAR 81  Plants for Landscaping 1
- HRT 13  Turf & Grounds Management 2
- HRT 14  Arboriculture 2
- HRT 15  Perennials & Flower Borders 2
- HRT 16  Greenhouse Operations 2
- HRT ELECTIVE\(^5\)  Horticulture Field Exp. Electives\(^5\) 1
- LND 11  Landscape Design Theory 1
- LND 12  Graphics 1

**Subtotal:** 16

**TOTAL:** 60

---

1. ENG 1/ENG 2 & RDL 1/RDL 2 are no longer available. Students with ENG/RDL remedial needs will now enroll in corequisite courses ENG 100 (English Proficiency Index < 50), or ENG 110 (English Proficiency Index = 50-64).
2. Reserved for students who have English remedial need, and enroll in ENG 2, RDL 2, or ENG 110 as a corequisite.
4. These NYBG core and specialization requirements take place at the New York Botanical Garden.
5. To be chosen from Horticulture with approval of department.