

## Horticulture Degree Checklist

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Entering Status: \_\_\_\_\_

Option: **Therapeutic Horticulture**

Term Entering: \_\_\_\_\_

From: \_\_\_\_\_

### University Core Requirements:

(No single course can satisfy more than one core area)

#### Writing/Health

\_\_\_\_\_ WR 121 – English Composition (3) (Minimum passing grade of C–)

\_\_\_\_\_ WR II (3)

\_\_\_\_\_ COMM (3)

\_\_\_\_\_ Writing Intensive (HORT 318) (3)

\_\_\_\_\_ HHS 231 – Lifetime Fitness for Health (2)

\_\_\_\_\_ HHS 24\_ – Lifetime Fitness or PAC (1)

\_\_\_\_\_ Foreign Language (if deficient; waived for pre-1997 HS graduates)

#### Perspectives

(No more than 2 courses in one department)

\_\_\_\_\_ Western Culture \_\_\_\_\_

\_\_\_\_\_ Cultural Diversity \_\_\_\_\_

\_\_\_\_\_ Literature/Arts \_\_\_\_\_

\_\_\_\_\_ Social Processes (PSY 201, PSY 202, or SOC 204)

\_\_\_\_\_ Difference, Power, Dis. \_\_\_\_\_

\_\_\_\_\_ Biological Science (Met by major requirements)

\_\_\_\_\_ Physical Science (Met by major requirements)

\_\_\_\_\_ Phys. or Biol. Science (Met by major requirements)

#### Math

\_\_\_\_\_ MTH 105, 111, 112, 211, 241, 245 or 251 (4) (Met by major requirements)

#### Synthesis/Upper Division – choose from provided list

(Each course from a different department)

\_\_\_\_\_ Contemp. Global Issues (3) \_\_\_\_\_

\_\_\_\_\_ Science, Technology, Society (3) \_\_\_\_\_

### Major Core:

#### General Science

\_\_\_\_\_ MTH 112, MTH 241, MTH 245 or MTH 251 (4)

\_\_\_\_\_ BI 211 – Principles of Biology (4)

\_\_\_\_\_ BI 212 – Principles of Biology (4)

\_\_\_\_\_ BI 213 – Principles of Biology (4)

#### or the alternative BI 204–206 series:

\_\_\_\_\_ BI 204. Introductory Biology I (4)

\_\_\_\_\_ BI 205. Introductory Biology II (4)

\_\_\_\_\_ BI 206. Introductory Biology III (4)

\_\_\_\_\_ CH 121 – General Chemistry (5) or CH 231 – General Chemistry (4)  
and CH 261 – Laboratory for Chemistry 231 (1)

\_\_\_\_\_ CH 122 – General Chemistry (5) or CH 232 – General Chemistry (4)  
and CH 262 – Laboratory for Chemistry 232 (1)

\_\_\_\_\_ CH 123 – General Chemistry (5) or CH 233 – General Chemistry (4)  
and CH 263 – Laboratory for Chemistry 233 (1)

(Students must receive a grade of C-, or higher, to continue on to the next chemistry course in the series)

#### Agricultural Science

\_\_\_\_\_ BOT 331 – Plant Physiology (4)

\_\_\_\_\_ BOT 350 – Introductory Plant Pathology (4)

\_\_\_\_\_ CROP 440 – Weed Management (4)

\_\_\_\_\_ ENT 311 – Introduction to Insect Pest Management (4)

\_\_\_\_\_ SOIL 205 – Soil Science (3) & SOIL 206 – Lab (1)

or CSS 205 – Soil Science (4)

#### Orientation

\_\_\_\_\_ HORT 112 – Intro. to Horticultural Systems Practices. & Careers (2)

#### Horticultural Science

\_\_\_\_\_ HORT 301 – The Biology of Horticulture (3)

\_\_\_\_\_ HORT 311 – Plant Propagation (4)

\_\_\_\_\_ HORT 316 – Plant Nutrition (4)

#### Experiential Learning

\_\_\_\_\_ HORT 403 or 410 – Thesis/Internship (6-12)

\_\_\_\_\_ HORT 412 – Career Exploration: Internships & Research Projects (1)

### Option Requirements

#### Plant Materials (Select 2 courses from the following)

\_\_\_\_\_ HORT 226 – Landscape Plant Materials I (4)

\_\_\_\_\_ HORT 228 – Landscape Plant Materials II (4)

\_\_\_\_\_ HORT 251 – Temperate Tree Fruit, Berries, Grapes, & Nuts (2) alt. year

\_\_\_\_\_ HORT 255 – Herbaceous Ornamental Plant Materials (3)

\_\_\_\_\_ HORT 433 – Systematics & Adaptation Vegetable Crops (4)

#### Ecology

\_\_\_\_\_ HORT 318 – Applied Ecology of Managed Ecosystems (WIC) (3)

#### Technology

\_\_\_\_\_ HORT 380 – Sustainable Landscape Design (3)

#### Horticultural Communication

\_\_\_\_\_ HORT 318 – Applied Ecology of Managed Ecosystems (3) (WIC)

\_\_\_\_\_ HORT 407 – Seminar (1)

\_\_\_\_\_ HORT 411 – Horticulture Book Club (1)

#### Capstone

\_\_\_\_\_ HORT 495 – Horticultural Management Plans (3)

#### Horticultural Science & Technology (Select 2 courses from the following)

\_\_\_\_\_ ENT 322 – Honey Bee Biology & Beekeeping (3)

\_\_\_\_\_ HORT 260 – Organic Farming/Gardening (3)

\_\_\_\_\_ HORT 285 – Permaculture Design & Theory: Certificate Course (4)

\_\_\_\_\_ HORT 314 – Principles of Turfgrass Maintenance (4)

\_\_\_\_\_ HORT 315 – Sustainable Landscapes: Maint., Conserv., Restor. (4)

\_\_\_\_\_ HORT/FES 350 – Urban Forestry (3)

\_\_\_\_\_ HORT 351 – Floriculture & Greenhouse Systems (4) alt. year

\_\_\_\_\_ HORT 358 – Landscape Construction Techniques (4)

\_\_\_\_\_ HORT 360 – Irrigation/Drainage (4)

\_\_\_\_\_ HORT 361 – Plant Nursery Systems (4) alt. year

#### Horticultural & Social Sciences

\_\_\_\_\_ HORT 270 – Introduction to Therapeutic Horticulture (2)

\_\_\_\_\_ HORT 271 – Techniques & Adaptive Strategies (2)

\_\_\_\_\_ HORT 272 – Basic Therapeutic Skills I (2)

\_\_\_\_\_ HORT 273 – Basic Therapeutic Skills II (2)

\_\_\_\_\_ HORT 274 – Therap. Hort. Older Adults/Children (2)

\_\_\_\_\_ HORT 275 – Therap. Garden Design, Maintenance, Programming (2)

\_\_\_\_\_ PSY 201 – General Psychology (3)

\_\_\_\_\_ PSY 202 – General Psychology (3)

\_\_\_\_\_ SOC 204 – Introduction to Sociology (3)

#### (Select 3 additional courses from the following)

\_\_\_\_\_ HDFS 311 – Infant & Child Development (4)

\_\_\_\_\_ HDFS 313 – Adolescent Development (4)

\_\_\_\_\_ HDFS 314 – Adult Development & Aging (4)

\_\_\_\_\_ PSY 330 – Brain & Behavior (4)

\_\_\_\_\_ PSY 350 – Human Lifespan Development (4)

\_\_\_\_\_ PSY 381 – Abnormal Psychology (4)

\_\_\_\_\_ PSY 432 – Physiological Psychology (4)

\_\_\_\_\_ PSY 433 – Psychopharmacology (4)

\_\_\_\_\_ PSY 485 – Behavior Modification (4)

\_\_\_\_\_ PSY 498 – Health Psychology (4)

\_\_\_\_\_ SOC 350 – Health, Illness, & Society (4)

\_\_\_\_\_ SOC 432 – Sociology of Aging (3)

\_\_\_\_\_ SOC 439 – Welfare & Social Services (4)

\_\_\_\_\_ SOC 440 – Juvenile Delinquency (4)

\_\_\_\_\_ SOC 442 – Sociology of Drug Use & Abuse (4)

**Confirm requirements for Professional Registration by the American Horticultural Therapy Association (AHTA) at <http://ahta.org/professional-registration>**  
**A 480 hour AHTA approved and supervised internship is also required for Professional Registration by the AHTA.**

Students pursuing a major or minor in horticulture are required to receive a grade of C– or better in all HORT (horticulture) and PBG (plant breeding and genetics) courses that are required for completion of their major and option, or minor. If a grade below C– is received in a HORT or PBG course required for their major and option, or minor, a student will need to retake the course and receive a grade of C– or better. If the grade below a C– was received for a course that is part of a group of courses where the student can select which courses to take (i.e., they do not need to take all of the courses, just a specified number of courses or credits) then it would be acceptable for the student to substitute a course for the one that they had received a grade below a C–. For example, in most of our options, a student needs to complete three of four plant identification courses. If a student received a grade lower than a C– in one of the classes, they could either retake the same course or complete the other three courses with a grade of C– or better.

### **Ecology & Sustainability Ecosystems Courses (Meets Synthesis Requirements)**

(Each course must be from a different department)

#### Contemporary Global Issues (Select 1 of the following courses)

- \_\_\_\_\_ AEC 351 – Natural Resource Economics & Policy (3)
- \_\_\_\_\_ AEC 352 – Environmental Economics and Policy (3)
- \_\_\_\_\_ BI 301 – Human Impacts on Ecosystems (3)
- \_\_\_\_\_ BI 306 – Environmental Ecology (3)
- \_\_\_\_\_ CROP 330 – World Food Crops (3)
- \_\_\_\_\_ FES 365 – Issues in Natural Resources Conservation (3)
- \_\_\_\_\_ FW 325 – Global Crises in Resource Ecology (3)
- \_\_\_\_\_ GEOG 300 – Sustainability for the Common Good (3)
- \_\_\_\_\_ GEOG 330 – Geography International Development & Globalization (3)
- \_\_\_\_\_ HORT/ENT 331 – Pollinators in Peril (3)
- \_\_\_\_\_ SUS 350 – Sustainable Communities (4)
- \_\_\_\_\_ Z 349 – Biodiversity: Causes, Consequences & Conservation (3)

#### Science, Technology and Society (Select 1 of the following courses)

- \_\_\_\_\_ ANS 315 – Contentious Social Issues in Animal Agriculture (3)
- \_\_\_\_\_ ANS/FES/FW 485 – Consensus and Natural Resources (3)
- \_\_\_\_\_ ATS 320 – The Changing Climate (3)
- \_\_\_\_\_ BI 348 – Human Ecology (3)
- \_\_\_\_\_ BI/FES 435 – Genes and Chemicals in Agriculture: Value and Risk (3)
- \_\_\_\_\_ BOT 324 – Fungi in Society (3)
- \_\_\_\_\_ CH 374 – Technology, Energy, and Risk (3)
- \_\_\_\_\_ ENGR 350 – Sustainable Engineering (3)
- \_\_\_\_\_ ENGR 363 – Energy Matters (3)
- \_\_\_\_\_ ENSC 479 – Environmental Case Studies (3)
- \_\_\_\_\_ FES/NR/RNG 477 – Agroforestry (3)
- \_\_\_\_\_ FST 421 – Food Law (3)
- \_\_\_\_\_ FW 485 – Consensus & Natural Resources (3)
- \_\_\_\_\_ GEOG 300 – Sustainability for the Common Good (3)
- \_\_\_\_\_ GEOG 340 – Introduction to Water Science and Policy (3)
- \_\_\_\_\_ HORT 330/ENT 300 – Plagues, Pests, and Politics (3)
- \_\_\_\_\_ HST 481 – Environmental History of the United States (4)
- \_\_\_\_\_ HSTS 421 – Technology & Change (4)
- \_\_\_\_\_ HSTS 470 – Ecology & History: Landscapes Columbia Basin (3)
- \_\_\_\_\_ NUTR 312 – Issues in Nutrition & Health (3)
- \_\_\_\_\_ PH 313 – Energy Alternatives (3)
- \_\_\_\_\_ PHL 325 – Scientific Reasoning (4)
- \_\_\_\_\_ PS 476 – Science & Politics (4)
- \_\_\_\_\_ SOIL 395 – World Soil Resources (3)
- \_\_\_\_\_ SUS 304 – Sustainability Assessment (4)

**TOTAL UNITS** (need 180) \_\_\_\_\_

**UPPER DIVISION UNITS** (need 60) \_\_\_\_\_

### **Research Track (Optional)**

- \_\_\_\_\_ HORT 406 – Projects: Data Presentations (1)
- \_\_\_\_\_ MTH 251 – Differential Calculus (4)
- \_\_\_\_\_ MTH 252 – Integral Calculus (4)
- \_\_\_\_\_ ST 351 – Intro to Statistical Methods (4)

#### *(Select 3 of the following)*

- \_\_\_\_\_ BB 350 – Elementary Biochemistry (4)
- \_\_\_\_\_ BI 370 – Ecology (3)
- \_\_\_\_\_ BOT 341 – Plant Ecology (4)
- \_\_\_\_\_ CH 331 – Organic Chemistry (4)
- \_\_\_\_\_ CH 332 – Organic Chemistry (4)
- \_\_\_\_\_ CH 337 – Organic Chemistry Lab (4)
- \_\_\_\_\_ MB 230 – Introductory Microbiology (4)
- \_\_\_\_\_ PH 201 – General Physics (5)
- \_\_\_\_\_ PH 202 – General Physics (5)