Horticulture Degree Checklist

Name: ________________________________
ID: ________________________________
Entering Status: ______________________

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)

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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.
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)
________ ENT/HORT 331 – Pollinators in Peril (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)
________ 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)
________ ENT/BI 300/HORT 330 – Plagues, Pests and Politics (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)
________ 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)

Grade Requirements

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.