Horticulture Degree Checklist

Name: ____________________________  Option: Therapeutic Horticulture
ID: ________________________________  Term Entering: _________________________
Entering Status: ________________________  From: ________________________________

University Core Requirements:  
(No single course can satisfy more than one core area)

Writing/Health  
—— WR 121 – English Composition (3)  
—— 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, or MTH 245 (4)  
—— BI 211 – Principles of Biology (4)  
—— BI 212 – Principles of Biology (4)  
—— BI 213 – Principles of Biology (4)  
—— CH 121 or 221 – General Chemistry (5)  
—— CH 122 or 222 – General Chemistry (5)  
—— CH 123 or 223 – General Chemistry (5)

Orientation  
—— HORT 101 – Introduction to Horticulture, Crop, Soil, and Insect Science (1)

Agricultural Science  
—— BOT 331 – Plant Physiology (4)  
—— BOT 350 – Introductory Plant Pathology (4)  
—— CROP 440 – Weed Management (4)  
—— ENT 311 – Intro. to Insect Pest Management (4)  
—— SOIL 205 – Soil Science (4)

Experiential Learning  
—— HORT 403 or 410 – Thesis/Internship (6-12 cr)  
—— HORT 407 – Senior Seminar (1)

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

Technology  
—— HORT 414 – Information Systems in Agriculture (4)

Writing Intensive  
—— HORT 318 – Applied Ecology of Managed Ecosystems (WIC) (3)

Capstone  
—— HORT 495 – Horticultural Management Plans (3)

Option Requirements

Horticultural Science  
—— HORT 112 – Introduction to Horticultural Systems, Pract. & Careers (2)  
—— HORT 301 – The Biology of Horticulture (3)  
—— HORT 311 – Plant Propagation (4)  
—— HORT 316 – Plant Nutrition (4)  
—— HORT 411 – Horticulture Book Club (1)  
—— HORT 412 – Career Exploration (1)

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) alt. year

a) Horticultural Science & Technology  
(Select 3 courses from the following)  
—— HORT 310 – Life Cycle of Woody Plants (3)  
—— HORT 311 – Plant Propagation (4)  
—— HORT 316 – Plant Nutrition (4)  
—— HORT 412 – Career Exploration (1)

b) 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)  
—— 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)  
—— PSY 499 – Special Topics: Stress & Coping (3)  
—— 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)

*Courses which are requirements for Professional Registration by the American Horticultural Therapy Association (AHTA), as of October 2013, and listed only as electives in our curriculum. In addition, a 480 hour AHTA approved and supervised internship is required for Professional Registration by the AHTA.
**Synthesis/Upper Division**

*(Each course must be from a different department)*

**Select from this list:**

Contemporary Global Issues *(Select 1 of the following courses)*
- AREC 351 – Natural Resource Economics & Policy (3)
- AREC 461 – Agricultural & Food Policy Issues (4)
- BI 301 – Human Impacts on Ecosystems (3)
- BI 306 – Environmental Ecology (3)
- BI 349 – Biodiversity: Causes, Consequences & Conservation (3)
- CROP 330 – World Food Crops (3)
- FOR 365 – Issues in Natural Resources Conservation (3)
- FW 325 – Global Crises in Resource Ecology (3)
- GEO 300 – Sustainability for the Common Good (3)
- GEO 330 – Geography of International Development & Globalization (3)

Science, Technology and Society *(Select 1 of the following courses)*
- ANS 315 – Contentious Social Issues in Animal Agriculture (3)
- AREC 352 – Environmental Economics & Policy (3)
- BI 435 – Genes and Chemicals in Agriculture: Value and Risk (3)
- CH 374 – Technology, Energy, and Risk (3)
- CSS 395 – World Soil Resources (3)
- ENGR 350 – Sustainable Engineering (3)
- ENSC 479 – Environmental Case Studies (3)
- FST 421 – Food Law (3)
- FW 485 – Consensus & Natural Resources (3)
- GEO 300 – Sustainability for the Common Good (3)
- GEO 335 – 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)
- PS 476 – Science & Politics (4)
- RNG 477 – Agroforestry (3)
- Z 348 – Human Ecology (3)

**TOTAL UNITS** *(need 180)*

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

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**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 re-take 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 grade lower than a C– in one of the classes, they could either re-take the same course or complete the other three courses with a grade of C– or better.