

ATTACHMENT 3

New Graduate Curriculum

Horticulture, Forestry Recreation and Resources

M.S. in Horticulture – Urban Food Systems Specialization – A New Specialization in the Existing M.S. Program

FROM:

TO:

<p>M.S. Horticulture – Current</p> <p>Required Courses.....14-20 HORT 951 Horticulture Graduate Seminar 2 Research Methods (HORT 846 recommended) 3 700 level or above Statistics 3-6 800 level or above Plant Physiology 3-6 Or 500 level or above Biochemistry Or HORT 751 Human Issues in Horticulture One Horticulture Graduate Course 3</p> <p>Thesis Research or Report.....2-6 HORT 898 Master’s Report 2 Or HORT 899 Research – M.S. 6</p> <p>Additional Courses.....4-14 To be determined by Supervisory Committee</p> <p>Total Credit Hours Required 30</p>	<p>M.S. Horticulture, Specialization in Urban Food Systems - Proposed</p> <p>Required Courses.....11-14 HORT 951 Horticulture Graduate Seminar 2 Research Methods 3 <u>700 level or above Statistics 3</u> 800 level or above Plant Physiology 3-6 Or 500 level or above Biochemistry Or HORT 751 Human Issues in Horticulture</p> <p>Thesis Research or Report.....2-6 HORT 898 Master’s Report 2 Or HORT 899 Research – M.S. 6</p> <p>Additional Courses.....3-10 To be determined by Supervisory Committee</p> <p>Specialization.....7 <u>HORT 690 Sustainable Agriculture 2</u> <u>HORT 691 Urban Agriculture 3</u> <u>HORT 692 Urban Food Production Practicum 2</u></p> <p>Total Credit Hours Required 30</p>
--	--

RATIONALE:

Urban Food Systems is proposed as a new specialization under the Master of Science in Horticulture program in the Department of Horticulture, Forestry, and Recreation Resources. This specialization will prepare professionals for positions such as director/program managers in not-for-profit organizations, city governments or extension programs in urban districts facilitating community gardens, urban farming, farmers markets, or farm-to-school programs. There is a

growing demand for professionals in this area and we believe the proposed specialization is unique and will prepare graduates well for careers in this area. This specialization was prepared with input from current undergraduate students interested in entering a graduate program in this area and representatives from several urban agriculture organizations such as Kansas City Center for Urban Agriculture, Kansas City Healthy Kids, Kansas City Food Policy Initiative, Kansas Rural Center, and the Good Nature Family Farms.

The specialization places an emphasis on sustainable agriculture, project management, and grant writing, in addition to having a solid foundation in horticultural science and food crop production.

Admission and administration policies are those of the existing M.S. in Horticulture program.

Students choosing this specialization will move through the program as a cohort, with a new group starting each fall semester. Students will enroll in 1 credit of HORT 898 Master's Report or HORT 899 Research - MS in their first fall semester where they will meet representatives from one or more organizations involved in urban horticulture in the Kansas City Metro (or other cities), in addition to their on-campus faculty committee. Each student will have a major professor and two additional committee members; one from the department of Horticulture and the other may be from an outside department. The student will develop a project in collaboration with one of the urban horticulture organizations.

IMPACT: No impact on other departments.

EFFECTIVE DATE: Fall 2010