

OFFICE OF THE DEAN

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GRADUATE STUDIES

April 12, 2016

To: Dr. Leonard Bright *MLL - 05/06/16*
Assistant Dean of Graduate Education
Chair of Graduate Council

From: Dr. David W. Reed *David W. Reed*
Associate Dean for Graduate Programs and Faculty Development
College of Agriculture and Life Sciences

The attached Administrative Change Request to Change an Existing Degree Program and memo to Dr. Joe Pettibon for the CIP code changes for MS and PhD Horticulture Science summer programs was approved at the Graduate Council Program January 2016 meeting.

**AgriLIFE RESEARCH
& EXTENSION**

Texas A&M System



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES
DEPARTMENT OF HORTICULTURAL SCIENCES

December 8, 2015

TO: Mr. Joe Pettibon
Associate Vice President for Academic Services
Office of the Provost

THROUGH: Dr. David Reed, Associate Dean
College Of Agriculture and Life Sciences *David W. Reed - grad
Kim Dooley*

THROUGH: Dr. R. Daniel Lineberger, Professor and Head
Department of Horticultural Sciences *R. Daniel Lineberger*

FROM: Dr. Patricia Klein, Associate Professor and Associate Head for Graduate Programs
Department of Horticultural Sciences *Patricia Klein*

The Department of Horticultural Sciences requests a change in the CIP Code for two of our Horticultural graduate degree programs, the Master of Science and the Doctor of Philosophy. Currently, the MS and PhD degree programs in Horticulture are classified under CIP Code 01.0601 Applied Horticulture/Horticulture Operations, General. We are requesting that they be reclassified under CIP Code 01.1103 Horticultural Science. CIP Code 01.1103 is more appropriate for our MS and PhD programs in Horticultural Science because these degree programs focus on the scientific principles related to the growth and development of horticultural crops and ornamental plants. Most of our MS and PhD students conduct basic research in plant physiology, breeding, genetics, genomics, phytochemical analysis, post-harvest biology/physiology, plant-microbe interactions, and molecular biology. Our graduate courses which support these two degree programs are rooted in these scientific principles as well and include such courses as HORT 604 Applied Physiology of Horticultural Crops, HORT 610 Physiological and Molecular Basis for Plant Stress Response, HORT 618 Root Biology, HORT 630 Post-Harvest Biology, Physiology and Genetics of Plants, HORT 640 Phytochemicals in Fruits and Vegetables to Improve Human Health and HORT 641 Science of Foods for Health.

The requested CIP Code change would not be associated with a change in the degree designator and would also not be associated with a change in degree name. The change of CIP code does not change the focus or purpose of the degree nor does it change the completion requirements for either degree. No changes in core faculty will be required and no new costs will be incurred to implement this change.

Administrative Change Request Change to An Existing Degree Program

Instructions. Institutions requesting a change to an existing degree program should address the factors below in determining if the request is a degree modification or would necessitate a request for a new degree program. No one factor necessarily determines the decision but in general the more extensive the change(s) the more likely the need for a new program request.

- I. Current Degree Information:** (list current degree program, CIP code, and administrative structure)

Current degree programs include the Master of Science in Horticulture and the PhD in Horticulture, CIP code for both degree programs is currently 01.0601. These programs are administered through the Department of Horticultural Sciences through the Associate Head for Graduate Programs.

II. Proposed Change:

- A. Program Identification:** Describe changes to the program identification.
1. Change name. **No Change requested**
 2. Change in degree designation (e.g., EdD to PhD, MS to MBA, BA to BS, etc.).
No Change requested
CIP Code change. **We request a CIP Code change for both the MS and PhD programs in Horticultural Science from 01.0601 to 01.1103.**
 3. Change in administrative unit. **No Change requested**

- B. Justification for Change:** Describe the content of the existing degree program authorized by the Coordinating Board and evidence of the need for the change.

We are requesting this change because both the MS and PhD programs in Horticultural Sciences within our department focus on the scientific principles related to the growth and development of horticultural crops and ornamental plants. Our students conduct basic research in plant physiology, breeding, genetics, genomics, phytochemical analysis, post-harvest biology/physiology, plant-microbe interactions, and molecular biology. Our graduate courses which support these two degree programs are rooted in these scientific principles as well and include such courses as HORT 604 Applied Physiology of Horticultural Crops, HORT 610 Physiological and Molecular Basis for Plant Stress Response, HORT 618 Root Biology, HORT 630 Post-Harvest Biology, Physiology and Genetics of Plants, HORT 640 Phytochemicals in Fruits and Vegetables to Improve Human Health and HORT 641 Science of Foods for Health.

- C. Other Changes Associated With Request.**
1. Focus/purpose or objectives/mission of degree. **No change**
 2. Additional areas of employment available to graduates. **No change**
- D. Describe changes in the curriculum:
Include information on:**

1. Degree completion requirements. **No change requested.**
2. Additional new courses to be added. **No change requested.**
3. Changes to existing courses. **No change requested.**
4. Courses common to all students in the degree plan **No change requested.**
5. How will the set of courses required of all students in the degree program change? **No change requested.**
6. New specializations (tracks, concentrations, focus areas, emphases, etc.) **No change requested.**

E. Describe new accreditation, licensure & certification

1. What new program accreditation would become available? **No change.**
2. What new professional licensure or certification would become available? **No change.**

F. Describe changes needed in core faculty

1. New faculty needed to implement proposed change **No change needed.**
2. New areas of expertise sought in additional faculty during past three years that have contributed to degree program change **No change needed.**
3. New areas of expertise in additional faculty that will be hired during the upcoming three year **No change needed.**
4. Existing faculty that will be reassigned to a different program or terminated. Other faculty that would become responsible for program delivery. **No change needed.**

G. Cost:

1. Please indicate new costs that will be incurred with the modification to the degree program during the first five years after the changes. **No new costs will be incurred.**
2. How will these costs be met? **Not-applicable**

