



The University of Georgia

University Council
Athens, Georgia 30602

March 12, 2014

UNIVERSITY CURRICULUM COMMITTEE – 2013-2014

Mr. David E. Shipley, Chair

Agricultural and Environmental Sciences - Dr. William K. Vencill

Arts and Sciences - Dr. Roxanne Eberle (Arts)

Dr. Rodney Mauricio (Sciences)

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Education - Dr. William G. Wraga

Engineering - Dr. Sidney Thompson

Environment and Design - Mr. David Spooner

Family and Consumer Sciences - Dr. Silvia Giraud

Forestry and Natural Resources - Dr. Sarah F. Covert

Journalism and Mass Communication - Dr. Alison F. Alexander

Law - No representative

Pharmacy - Dr. Cory Momany

Public and International Affairs - Dr. Robert Grafstein

Public Health - Dr. Katie D. Hein

Social Work - Dr. Kristina Jaskyte

Veterinary Medicine - Dr. Scott A. Brown

Graduate School - Dr. Tracie E. Costantino

Ex-Officio - Provost Pamela S. Whitten

Undergraduate Student Representative - Ms. Hadley Dreibelbis

Graduate Student Representative - Ms. Margaret Robbins

Dear Colleagues:

The attached proposal for a new Area of Emphasis in Soil Science under the major in Crop and Soil Sciences (M.S. and Ph.D.) will be an agenda item for the March 19, 2014, Full University Curriculum Committee meeting.

Sincerely,

David E. Shipley, Chair
University Curriculum Committee

cc: Provost Pamela S. Whitten
Dr. Laura D. Jolly

PROPOSAL FOR AREA OF EMPHASIS

School/College: Agricultural and Environmental Sciences

Department/Division: Crop & Soil Sciences

Major: M.S. in Crop & Soil Sciences

Major Requirements: The program of study for the Master of Science degree in Crop and Soil Sciences must contain a minimum of 30 hours of graduate course work. These 30 hours must include at least 21 hours of graduate course work exclusive of 7000 (research) and 7300 (thesis writing). Twelve of these 21 hours must be courses that are restricted to graduate students. The program of study must include a minimum of 3 hours of 7300 (thesis writing), and the remaining six hours may be 7000 (research), 7300 (thesis writing), or any other appropriate graduate coursework. Courses not allowed on a program of study are 7005 (Graduate Seminar), GRSC 7770, GRSC 9270, and ELAN 7768/7769. The department requires that the program of study includes CRSS 8100 (Advanced Crop & Soil Sciences Seminar) and at least one course in Statistics.

Area of Emphasis Title (as it will appear in the *Bulletin*): Soil Science

Proposed starting date: Fall 2013

Area of Emphasis Description: *Select 9 credit hours from the following courses:*

- CRSS 8000 Soil Physical Chemistry (3 hours)
- CRSS 8600 Advanced Soil Physics: Numerical Methods (2 hours)
- CRSS(ECOL) 8650 Nutrient Cycling Models (3 hours)
- PBIO(CRSS)(FORS)(ECOL) 8850-8850L. Terrestrial Biogeochemical Cycling (4 hours)
- CRSS 6540 – Pedology (3 hours)*
- CRSS 6580 – Soil Erosion and Conservation (3 hours)*
- CRSS 6590 – Soil Fertility and Plant Nutrition (3 hours)*
- CRSS 6600 - Soil Physics (3 hours)*
- CRSS 6610 – Soil Microbiology (3 hours)*
- CRSS 6670 – Environmental Soil Chemistry (3 hours)*

*Split-level course (graduate/undergraduate) – does not count toward graduate-only courses.

PROPOSAL FOR AREA OF EMPHASIS

School/College: Agricultural and Environmental Sciences

Department/Division: Crop & Soil Sciences

Major: Ph.D. in Crop & Soil Sciences

Major Requirements: The program of study for the Ph.D. degree in Crop and Soil Sciences must include 30 hours of course work, including three hours of dissertation writing (9300). Of the 30 hours of course work, 16 or more hours must be of 8000- and 9000-level courses, exclusive of 9000 (research) or 9300 (dissertation writing). Courses not allowed on the program of study are directed study courses, 9005 (Graduate Seminar), GRSC 7770, GRSC 9270, and ELAN 7768/7769. The department requires that the program of study includes CRSS 8100 (Advanced Crop & Soil Sciences Seminar) and at least one course in Statistics.

Area of Emphasis Title (as it will appear in the *Bulletin*): Soil Science

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- CRSS 8000 Soil Physical Chemistry (3 hours)
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- CRSS 6580 – Soil Erosion and Conservation (3 hours)
- CRSS 6590 – Soil Fertility and Plant Nutrition (3 hours)
- CRSS 6600 - Soil Physics (3 hours)
- CRSS 6610 – Soil Microbiology (3 hours)
- CRSS 6670 – Environmental Soil Chemistry (3 hours)