



UNIVERSITY OF
GEORGIA

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University Council

March 16, 2018

UNIVERSITY CURRICULUM COMMITTEE – 2017-2018

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Dear Colleagues:

The attached proposal from the Warnell School of Forestry and Natural Resources for a new Area of Emphasis in Community Forestry and Arboriculture under the major in Natural Resource Management and Sustainability (B.S.F.R.) will be an agenda item for the March 23, 2018, Full University Curriculum Committee meeting.

Sincerely,

Alison F. Alexander, Chair
University Curriculum Committee

cc: Provost Pamela S. Whitten
Dr. Rahul Shrivastav

PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** Warnell School of Forestry and Natural Resources
2. **Department/Division:** Warnell School of Forestry and Natural Resources
3. **Major:** Natural Resource Management and Sustainability (B.S.F.R.)
4. **Major Requirements:** See attached
5. **Area of Emphasis Title:** Community Forestry and Arboriculture
6. **Proposed starting date:** Fall 2018

7. Area of Emphasis Description:

The proposed Area of Emphasis in Community Forestry and Arboriculture will focus on management of individual trees, groups of trees, and forest stands growing in urban and suburban areas, including those which grow among urban hardscapes and infrastructure. Courses included in the area of emphasis provide the necessary skills and knowledge to meet the needs of community forest managers and provide experiential learning opportunities, both of which are essential for successful career placement, development, and advancement. The proposed emphasis was developed by Warnell faculty within this expertise area and by a committee of senior professionals from outside the University working in this field. The proposal is designed to both approach and support the International Society of Arboriculture professional certification credentials students will need upon graduation and help partially meet the Society of American Foresters program accreditation criteria for urban forestry education in the United States.

All students in the Natural Resource Management and Sustainability major are required to take the “Warnell Core” courses required of all majors (28 credit hours). Students in the Community Forestry and Arboriculture area of emphasis will take 23 hours in required courses and 9 hours in elective credits (32 total hours).

The Warnell Curriculum Committee and the Warnell faculty unanimously supported creation of this area of emphasis. We are concurrently submitting a proposal to create the prefix COFA to designate courses in the area of emphasis.

Area of Emphasis in Community Forestry and Arboriculture (32 hours)

Required Courses (23 hours)

FORS 3010, Dendrology (2 hours) and FORS 3010L, Dendrology Laboratory (1 hour)
FORS 3901, Community Forestry and Arboriculture Internship (3 hours)*
FORS 4651S, Community Forestry and Arboriculture Field Practicum (3 hours)*
FORS 5005/7005, Urban Tree Management I (3 hours)*
FORS 5010/7010-5010L/7010L, Urban Tree Management II (4 hours)*
FORS 5301/7301, Community and Urban Soils and Site Development (4 hours)*
FORS 5510/7510, Community Forest Management (3 hours)*

**These courses will change to the new prefix COFA, Community Forestry and Arboriculture, upon approval*

Community Forestry and Arboriculture Electives (Choose 9 hours):

AAEC 3980, Introduction to Agribusiness Management (3 hours)
AAEC 4040-4040L, Statistics for Agribusiness Management (4 hours)
AAEC 4980/6980, Agribusiness Management (3 hours)
ACCT 2101, Principles of Accounting I (3 hours)
ACCT 2102, Principles of Accounting II (3 hours)
CVLE 4770, Urban Infrastructure Systems (3 hours)
ECOL 3770S, Urban Ecology (3 hours)
ECON 4010, Intermediate Microeconomics (3 hours)
ECON 4150, Environmental Economics (3 hours)
ECOL(FANR) 4220/6220, Foundations of Restoration Ecology (3 hours)
ECON 4160, Urban Economics (3 hours)
EDES 4270/6270, Environmental Design Uses of Geographic Information Systems (3 hours)
EDES 4640/6640, The History of Urban Planning (3 hours)
EDES(PLAN), 4650/6650 City Planning (3 hours)
ENTO 3740-3740L, Insect Pest Management (4 hours)
ENTO 4500E/6500E, Biological Control (3 hours)
ENTO(CRSS)(PATH) 4740/6740, Integrated Pest Management (3 hours)
ENTR 5500, Introduction to Entrepreneurship (3 hours)
FANR 4201/6201, Spatial Analysis for Integrative Natural Resource Problem Solving (2 hours)
FANR 5620/7620-5620L/7620L, GIS Applications for Natural Resources (3 hours)
FORS 4210/6210, Forest Health and Protection (3 hours)
FORS 4530/6530, Wood Properties and Utilization (3 hours)
FORS 5760/7760, Forest Products Marketing (3 hours)
GEOG 3630, Introduction to Urban Geography (3 hours)
GEOG(CRSS) 4375, GIS Applications in Agriculture (4 hours)
GEOG 4385S/6385S, Community GIS (3 hours)
GEOG 4630/6630, Advanced Urban Geography (3 hours)
GEOG 4631/6631, Race, Inequality, and the American City (3 hours)
GEOG 4632/6632, Urban Social Movements (3 hours)
GEOG 4633/6633, Urban Political Ecology (3 hours)
GEOG 4660/6660, Urban and Regional Development (3 hours)
HIST 3170, History of American Cities (3 hours)
HORT(LAND) 3450, Residential Design (3 hours)
HORT 4030S/6030S, Sustainable Community Food Production (3 hours)
HORT 4090, Landscape Horticulture (3 hours)
HORT 4095S/6095S, GPS/GIS Applications for Landscape Managers (3 hours)
HORT(CRSS) 4440/6440-4440L/6440L, Environmental Physiology (4 hours)

JURI 4790/6790, Land Use Planning (2-3 hours)
LAND 3410, Plants of the South (3 hours)
LAND 4120/6120, Designing Healthy Places (3 hours)
LAND 4360, Applied Landscape Ecology (3 hours)
LAND 4370, Applied Landscape Construction (2 hours)
MIST 3000, Statistical Analysis for Business I (3 hours)
MGMT 3001, Principles of Management (3 hours)
NRRT 4400/6400, Resource Management and Entrepreneurship (3 hours)
NRRT 5900/7900, Ecotourism and Sustainable Development (3 hours)
POLS 4640, Urban Politics (3 hours)
POLS 4645E, Applied Civic Engagement (3 hours)
RMIN 4000, Risk Management and Insurance (3 hours)
SOCI 3320, Sociology of Urban Life (3 hours)
SPAN 3010, Spanish Conversation and Composition (3 hours)
SPAN 4150, Business Spanish (3 hours)
STAT 4210, Statistical Methods (3 hours)
WASR(FORS) 4000/6000-4000L/6000L, Forest Soil Management (3 hours)
WASR(FORS) 4110/6110-4110/6110L, Forest Hydrology (4 hours)
WASR 4400-4400L, Introduction to Wetlands (3 hours)
or other faculty mentor-approved course

Approvals on File

Proposal: Area of Emphasis in Community Forestry and Arboriculture under the major in Natural Resource Management and Sustainability (B.S.F.R.)

College: Warnell School of Forestry and Natural Resources

Proposed Effective Term: Fall 2018

School/College:

- Warnell School of Forestry and Natural Resources Associate Dean, Dr. Steven Castleberry, 2/14/2018
- Warnell School of Forestry and Natural Resources Dean, Dr. Dale Greene, 2/14/2018