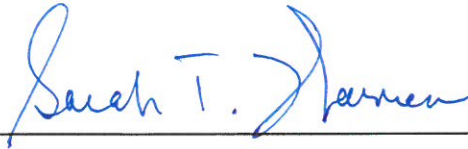


**Curriculum Change: Master of Forestry,
Department of Forestry and Environmental Resources,
College of Natural Resources, North Carolina State University**

This request has been reviewed and approved by the appropriate campus committees and authorities.

Endorsed By:

Sarah T Warren
Director of Graduate Programs



1/11/2017

Recommended By:

ILONA PESZLEN



1/30/2017

Chair, College Graduate Studies Committee (Printed Name and Signature)

Date

Endorsed By:

Adrianna G. Kirkman
College Dean



1/30/2017

College Dean

(Printed Name and Signature)

Date

Recommended By:

Vice Provost, DELTA (if DE degree)

(Printed Name and Signature)

Date

Approved By:

Dean of the Graduate School

(Printed Name and Signature)

Date

Recommended By:

Dean's Council

(Printed Name and Signature)

Date

Approved By:

Executive Vice Chancellor and Provost

(Printed Name and Signature)

Date

Approved By:

Chancellor

(Printed Name and Signature)

Date

(revised August 2015)

**Curriculum Change: Master of Forestry,
Department of Forestry and Environmental Resources,
College of Natural Resources, North Carolina State University**

17 January 2017

Background

The Department of Forestry and Environmental Resources (DFER) proposes to revise elements of the current curriculum, Master of Forestry (MF), to reflect requirements for accreditation by the Society of American Foresters (SAF). This will place North Carolina State University within an elite group of graduate schools offering SAF-accredited MF degrees, e.g., Yale and Duke Universities, University of Georgia, Michigan Technical University, etc.

NCSU's Master of Forestry curriculum is designed for students with undergraduate degrees in fields related to forest management, such as natural resources, hydrology, wildlife management and plant biology, and also for students who have degrees in forestry from non-SAF-accredited undergraduate programs.

Logistics

An SAF accreditation team visited the Department of Forestry and Environmental Resources in April, 2015, examining both undergraduate and graduate programs. Contingent on making revisions to the current M.F. program, SAF will accredit NC State's MF degree. This accreditation effort is expected to be conferred by early summer 2017.

Students entering the program in Fall 2016 may either commence in the new curriculum or pursue the original curriculum. Either option results in the awarding of the MF degree (there is no proposed name change). Any student lacking SAF's undergraduate general education requirements (in communications, science and mathematics, social sciences and humanities, and computer literacy) will meet them through additional coursework not counting toward the degree.

Proposed changes

Hours required for the degree will be revised upward (from 36 hours to 40 hours).

In accordance with SAF accreditation standards, currently offered courses have been revised (see Table 1) and organized into the four SAF focal areas: Ecology and Biology, Measurement of Forest Resources, Management of Forest Resources, and Forest Resource Policy, Economics and Administration

No new faculty or resources are required.

Current curriculum

The present curriculum for the MF degree is unstructured. It consists of two required one-hour courses (FOR/NR 601 – Forestry Seminar and FOR/NR 603 – Research Methods) plus 34 hours of graduate credits in forestry and related courses selected by the graduate committee and the student.

Proposed curriculum

The proposed curriculum is more structured. The courses listed in Table 1 (below) are required and adhere to SAF accreditation requirements. All of the courses have been approved by the Graduate School Administrative Board and appear in the Catalog.

The new curriculum comprises courses currently existing within the Department of Forestry and Environmental Resources or in other NCSU colleges. No new resources will be required.

Table 1: Proposed SAF-accredited curriculum for the MF (courses marked in bold have been recently revised. Those marked with an asterisk have laboratory or other outdoor assignments.)

Semester	Course number and name	Credits
Year 1	FOR 501, Dendrology*	3
	FOR 502, Forest Measurements*	1
	SSC 461, Soil Physical Properties and Plant Growth*	3
	FOR574, Forest Measurement, Modeling and Inventory*	3
	FOR 504, Practice of Silviculture	3
	FOR 506, Silviculture Laboratory*	1
	FOR 519, Forest Economics	3
	FOR 534, Forest Operations and Analysis*	3
Summer I or II	FOR 630, Independent Study*	1
Year 2	NR 560, Renewable Natural Resources Administration and Policy OR NR 571, Current Issues in Natural Resources Policy	3
	PB 421, Plant Physiology	3
	GIS 510, Introduction to GIS*	3
	NR 500, Natural Resource Management	3
	PB 565, Plant Community Ecology*	4
	FOR 531, Wildland Fire Science*	3
Credit hours		40

Master of Forestry degree change: Consultations

Sarah Warren <stwarren@ncsu.edu>

Tue, Jan 24, 2017 at 3:34 PM

To: Yvonne Lee <yplee@ncsu.edu>

Cc: Adrianna Kirkman <nagkirk@ncsu.edu>, Eric Money <esmoney@ncsu.edu>, Ilona Peszlen <impeszle@ncsu.edu>, Sarah J Slover <sjslover@ncsu.edu>, Yu-Fai Leung <leung@ncsu.edu>, Cristen Cornelius Philbrook <ccornel@ncsu.edu>

Greetings

As requested, I have consulted the DGPs in GIST, PB, and SSC about including their courses in the list of those proposed for the Master of Forestry new curriculum. Here are the positive responses: (*italics and underlinings are mine*)

- GIST: **OK** (from Eric Money)
- Plant Biology (from Larry Blanton):
 - "With regard to PB 421 (Plant Physiology) and PB 565 (Plant Community Ecology), **our department would welcome and can readily accommodate more students in both courses**, so additional students that may result from your curriculum change would not be a problem. Please note that with regard to PB 421 that there is a "piggy-back" graduate section: PB595-10."
- SSC (from Jot Smyth)
 - "I have consulted with the instructor for SSC 461 Physical Soil Properties and Plant Growth, before responding to your message. The course has been taught every Fall semester for the past 10 years and enrollment has been in the range of 20-30 over the past 7 years. **The instructor has had a few Forestry students in past offerings and does not foresee any problem in accommodating your students in the future.**"

Please let me know what else might be necessary. I would be happy to attend the Grad Administrative Board meeting with Yu-Fai when it is on the calendar if that would help. How do we get this on their calendar?

Kind regards,
Sarah Warren

Associate Professor
Director of Graduate Programs
Department of Forestry and Environmental Resources
Jordan 3102
Box 8008, North Carolina State University, Raleigh, NC
stwarren@ncsu.edu

All electronic mail messages in connection with State business which are sent to or received by this account are subject to the NC Public Records Law and may be disclosed to third parties.

On Wed, Jan 18, 2017 at 9:48 AM, Yvonne Lee <yplee@ncsu.edu> wrote:
Good morning all,

Just a friendly reminder that we will have our graduate studies committee meeting tomorrow (Thursday, 1/19), 9:00am to 11:00am in BI/PPL 3110.

Please review the attached documents before the meeting as they will be on the agenda. Please let me know as soon as possible if you have any additional items to add to the agenda.

Yvonne

Yvonne Lee
Director of Academic and Student Services
College of Natural Resources
Academic Affairs
Box 8001/2018C Biltmore Hall

Larry Blanton

2:30 PM (50
minutes ago) Re
ply

to me

Dear Dr. Warren:

With regard to PB 421 (Plant Physiology) and PB 565 (Plant Community Ecology), our department would welcome and can readily accommodate more students in both courses, so additional students that may result from your curriculum change would not be a problem.

Please note that with regard to PB 421 that there is a "piggy-back" graduate section: PB595-10.

Larry

--

Richard L. (Larry) Blanton, Ph.D.
Professor of Plant & Microbial Biology
Director of Graduate Programs in Plant Biology
North Carolina State University
3203 Gardner Hall, Campus Box 7612
Raleigh, NC 27695-7612

Blanton Office Phone: (919) 513-2181
Department Office Fax: (919) 515-3436

larry_blanton@ncsu.edu

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Jot Smyth <Jot_Smyth@ncsu.edu>

Jan 23 (1
day ago) ^{Re}
ply

to me, Josh

Sarah,

I have consulted with the instructor for SSC 461 Physical Soil Properties and Plant Growth, before responding to your message.

The course has been taught every Fall semester for the past 10 years and enrollment has been in the range of 20-30 over the past 7 years. The instructor has had a few Forestry students in past offerings and does not foresee any problem in accommodating your students in the future.

Best regards,