



The University of Georgia®

University Council
Athens, Georgia 30602

March 21, 2012

UNIVERSITY CURRICULUM COMMITTEE – 2011-2012

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Graduate School - Dr. Tracie E. Costantino

Undergraduate Student Representative – Mr. Marshall Mosher

Graduate Student Representative – Mr. Zachary Watne

Dear Colleagues:

The attached proposal to change the Entrance Requirements for the majors in Forestry (B.S.F.R.), Fisheries and Wildlife (B.S.F.R.), Natural Resource Recreation and Tourism (B.S.F.R.) and Water and Soil Resources (B.S.F.R.) will be an agenda item for the March 28, 2012, Full University Curriculum Committee meeting.

Sincerely,

David E. Shipley, Chair
University Curriculum Committee

cc: Provost Jere W. Morehead
Dr. Laura D. Jolly

The University of Georgia
FORM FOR ESTABLISHING OR CHANGING THE ENTRANCE STATUS
AND REQUIREMENTS OF AN UNDERGRADUATE MAJOR

I. BASIC INFORMATION

1. School/College: **Warnell School of Forestry and Natural Resources**
2. Department/Division: **N/A**
3. Program:
 - a. Degree: **Bachelor of Science in Forest Resources (B.S.F.R.)**
 - b. Majors:
 - i. **Forestry**
 - ii. **Fisheries & Wildlife**
 - iii. **Natural Resources Recreation & Tourism**
 - iv. **Water & Soil Resources**

II. ENTRANCE REQUIREMENTS:

1. Justification:

The Warnell School of Forestry and Natural Resources offers four undergraduate majors: Forestry, Fisheries & Wildlife, Natural Resources Recreation & Tourism, and Water & Soil Resources—all under the BSFR (Bachelor of Science in Forest Resources) degree. Students enter Warnell as Pre-Professional students (typically as first or second year students) and must apply to enter the Professional Program (typically as third year students) in order to formally enroll in one of the four majors.

The Warnell School has enforced entrance requirements for its Professional Program for many years, under the assumption that they were officially recorded for all 4 majors within the school. This understanding was supported by the fact that Warnell's entrance requirements were presented as expected in students' DARS reports. However, while moving our records to DegreeWorks, we discovered that the Bulletin did not include entrance requirements for our two most recently developed majors—Fisheries & Wildlife, and Natural Resources Recreation & Tourism. In addition, the Bulletin's entrance requirements did not include some of the required courses for Forestry and Water & Soil Resources. This proposal is designed to rectify these oversights.

Warnell's entrance requirements exist to maintain a high-quality learning environment, and to ensure that the entering professional students have the skills and knowledge needed to successfully complete a major in the School. Extensive lab work in many of Warnell's professional-level classes imposes physical limits on how many students can be enrolled in the Professional Program without sacrificing the quality of instruction. A completed University General Education Core Curriculum, including selected courses depending on the major, is required for entrance into the Professional Program so that students are prepared to understand a variety of science and social science concepts related to natural resources. Calculus, for example, covers concepts necessary to understand any natural resource field dealing with population growth, such as forestry, fisheries and wildlife management. Other entrance requirements are prerequisites for major classes. PHYS 1111-1111L, for example, must be taken before Soil Physics (CRSS 4600), which is required in the Water and Soil Resources major. Similarly, Biology II, is a prerequisite for many upper division courses in Warnell. Finally, many of the courses included in the entrance requirements apply to the accreditation requirements of the Society of American Foresters, and/or certification requirements for The Wildlife Society.

2. Requirements (by Major and Area of Emphasis, as applicable):

Forestry Major

Completion of University Core Areas I-V, Biology II (BIOL 1108-1108L or BIOL 2108H-2108L), Chemistry II ((CHEM 1212 and 1212L) or (CHEM 1311H and CHEM 1311L), Calculus (MATH 2200, MATH 2250, MATH 2300H, or MATH 2400H), and Statistics (STAT 2000, STAT 2100H, or BIOS 2010-2010L); submission of an application obtained from the Office of Undergraduate Programs at the Warnell School of Forestry and Natural Resources; and a 2.50 or greater GPA on all completed college work (admission subject to available space).

Fisheries & Wildlife Major (Wildlife Sciences Area of Emphasis)

Completion of University Core Areas I-V, Biology II (BIOL 1108-1108L or BIOL 2108H-2108L), Chemistry II ((CHEM 1212 and 1212L) or (CHEM 1311H and CHEM 1311L), Calculus (MATH 2200, MATH 2250, MATH 2300H, or MATH 2400H), and Statistics (STAT 2000, STAT 2100H, or BIOS 2010-2010L); submission of an application obtained from the Office of Undergraduate Programs at the Warnell School of Forestry and Natural Resources; and a 2.50 or greater GPA on all completed college work (admission subject to available space).

Fisheries & Wildlife Major (Aquatic Sciences Area of Emphasis)

Completion of University Core Areas I-V, Biology II (BIOL 1108-1108L or BIOL 2108H-2108L), Chemistry II ((CHEM 1212 and 1212L) or (CHEM 1311H and CHEM 1311L), Calculus (MATH 2200, MATH 2250, MATH 2300H, or MATH 2400H), and Statistics (STAT 2000, STAT 2100H, or BIOS 2010-2010L); submission of an application obtained from the Office of Undergraduate Programs at the Warnell School of Forestry and Natural

Resources; and a 2.50 or greater GPA on all completed college work (admission subject to available space).

Fisheries & Wildlife Major (Pre-Vet Wildlife Sciences Area of Emphasis)

Completion of University Core Areas I-V, Biology II (BIOL 1108-1108L or BIOL 2108H-2108L), Chemistry II ((CHEM 1212 and 1212L) or (CHEM 1311H and CHEM 1311L), and Statistics (STAT 2000, STAT 2100H, or BIOS 2010-2010L); submission of an application obtained from the Office of Undergraduate Programs at the Warnell School of Forestry and Natural Resources; and a 2.50 or greater GPA on all completed college work (admission subject to available space).

Natural Resources Recreation and Tourism

Completion of University Core Areas I-V, Biology II (BIOL 1108-1108L or BIOL 2108H-2108L), Statistics (STAT 2000, STAT 2100H, or BIOS 2010-2010L), and ((ANTH 1102 or ANTH 2120H), (GEOG 1101 or GEOG 2010H-2010D), or (INTL 1100 or INTL 1100H)); submission of an application obtained from the Office of Undergraduate Programs at the Warnell School of Forestry and Natural Resources; and a 2.50 or greater GPA on all completed college work (admission subject to available space).

Water and Soil Resources

Completion of University Core Areas I-V, Biology II (BIOL 1108-1108L or BIOL 2108H-2108L), Chemistry II ((CHEM 1212 and 1212L) or (CHEM 1311H and CHEM 1311L), Calculus (MATH 2200, MATH 2250, MATH 2300H, or MATH 2400H), Physics I (PHYS 1111-1111L, PHYS 1211-1211L, or PHYS 1311-1311L), and Statistics (STAT 2000, STAT 2100H, or BIOS 2010-2010L); submission of an application obtained from the Office of Undergraduate Programs at the Warnell School of Forestry and Natural Resources; and a 2.50 or greater GPA on all completed college work (admission subject to available space).

3. Results:

Students will be able to see all entrance requirements for Warnell's Professional Program in the Bulletin and in DegreeWorks. This proposal will bring the Bulletin in-line with long-standing practice, and correct unintended omissions.

4. Consequences of the requirement:

Since these entrance requirements have been in practice for many years, but simply not represented in their entirety in the Bulletin, they are not expected to affect the majors involved, other majors in the University, or enrollment patterns in the University.

III. SIGNATURES:

W. D. Johnson
School Curriculum Committee Chair Warnell School 3/8/12
School Date

Neil S. [Signature]
Dean Warnell School 3/8/12
School Date

University Curriculum Committee Chair Date

Vice President for Academic Affairs Date