



University Council

October 11, 2019

UNIVERSITY CURRICULUM COMMITTEE – 2019-2020

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Undergraduate Student Representative – Melissa Hevener

Graduate Student Representative – Jordan Henley

Dear Colleagues:

The attached proposal from the Warnell School of Forestry and Natural Resources to revise the entrance requirements for the following majors will be an agenda item for the October 18, 2019, Full University Curriculum Committee meeting:

Fisheries and Wildlife (B.S.F.R.)

Forestry (B.S.F.R.)

Natural Resource Management and Sustainability (B.S.F.R.)

Parks, Recreation, and Tourism Management (B.S.F.R.)

Sincerely,

John Maerz, Chair

University Curriculum Committee

cc: Provost S. Jack Hu  
Dr. Rahul Shrivastav

# PROPOSAL TO ESTABLISH OR CHANGE THE ENTRANCE STATUS AND REQUIREMENTS OF AN UNDERGRADUATE MAJOR

**Date:** 9/17/2019

**School/College:** Warnell School of Forestry and Natural Resources

**Department/Division:** Warnell School of Forestry and Natural Resources

**Programs (Major and Degree):** Fisheries and Wildlife (B.S.F.R.)  
Forestry (B.S.F.R.)  
Natural Resources Management and Sustainability (B.S.F.R.)  
Parks, Recreation, and Tourism Management (B.S.F.R.)

**Proposed Effective Date:** Fall 2020

## 1. Justification

What is the academic justification for instituting the requirement?

This proposal addresses several emerging needs among Warnell majors and intended majors.

- Warnell is experiencing reduced enrollment in its majors. This may—in part—be the result of protracted periods between enrollment at UGA and entrance into our professional programs, creating greater opportunity to drift to other majors.
- Warnell students typically do not interact with faculty advisors until they enter the professional programs, usually in the fall of their 3rd year. This results in very limited advising and mentoring opportunities for summer internships, study away, Double Dawgs, etc.
- Some Warnell majors need to expand their windows to deliver a more academically effective course sequence. In some majors, the single option of a two-year course sequence limits the formative value of key courses that currently coincide with capstone requirements. Exit interviews indicate students see little relevance to these key courses because they are not integrated with other courses or their capstone (i.e., Senior Project/Thesis).
- Many students are entering UGA with substantial AP credits and are academically well-prepared to enter our professional programs by their 2nd year at UGA. Taking some general education hours later in their curriculum will not adversely affect their ability to succeed in the professional programs.

## 2. Requirements

What specific entrance requirements are proposed?

To allow students to enter the professional programs and take major courses sooner, we propose to reduce the requirements to enter the professional programs from 60 pre-professional hours to the essential courses.

### **Fisheries and Wildlife (B.S.F.R.)**

#### **Aquatic Sciences Area of Emphasis**

*Current:*

- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1212, CHEM 1212L) or (CHEM 1312H, CHEM 1312L)
- MATH 2200 or MATH 2250 or MATH 2300H or MATH 2400H
- STAT 2000 or STAT 2100H or BIOS 2010
- Completion of University of Georgia Core Areas I-V
- Completion of an application
- 2.50 or greater GPA on all completed college work

*Proposed:*

- (BIOL 1107, BIOL1107L) or (BIOL 1107E, BIOL 1107L) or (BIOL 1107H, BIOL 1107H)
- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1211, CHEM 1211L)
- MATH 2200 or MATH 2250 or MATH 2250E or MATH 2300H
- STAT 2000 or BIOS 2010 or MSIT 3000 or MSIT 3000E or MSIT 3000H
- Completion of an application
- 2.50 or greater GPA on all completed college work

#### **Wildlife Sciences Area of Emphasis**

*Current:*

- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2018L)
- (CHEM 1212, CHEM 1212L) or (CHEM 1312H, CHEM 1312L)
- MATH 2200 or MATH 2250 or MATH 2300H or MATH 2400H
- STAT 2000 or STAT 2100H or BIOS 2010
- Completion of University of Georgia Core Areas I-V
- Completion of an application
- 2.50 or greater GPA on all completed college work

*Proposed:*

- (BIOL 1107, BIOL1107L) or (BIOL 1107E, BIOL 1107L) or (BIOL 1107H, BIOL 1107H)
- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1211, CHEM 1211L)
- MATH 2200 or MATH 2250 or MATH 2250E or MATH 2300H
- STAT 2000 or BIOS 2010 or MSIT 3000 or MSIT 3000E or MSIT 3000H
- Completion of an application
- 2.50 or greater GPA on all completed college work

**Pre-Vet Wildlife Sciences Area of Emphasis**

*Current:*

- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1212, CHEM 1212L) or (CHEM 1312H, CHEM 1312L)
- STAT 2000 or STAT 2100H or BIOS 2010
- Completion of University of Georgia Core Areas I-V
- Completion of an application
- 2.50 or greater GPA on all completed college work

*Proposed:*

- (BIOL 1107, BIOL1107L) or (BIOL 1107E, BIOL 1107L) or (BIOL 1107H, BIOL 1107H)
- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1211, CHEM 1211L)
- STAT 2000 or BIOS 2010 or MSIT 3000 or MSIT 3000E or MSIT 3000H
- Completion of an application
- 2.50 or greater GPA on all completed college work

**Forestry (B.S.F.R.)**

*Current:*

- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1212, CHEM 1212L) or (CHEM 1312H, CHEM 1312L)
- MATH 2200 or MATH 2250 or MATH 2300H or MATH 2400H
- STAT 2000 or STAT 2100H or BIOS 2010
- Completion of University of Georgia Core Areas I-V
- Completion of an application
- 2.50 or greater GPA on all completed college work

*Proposed:*

- (BIOL 1107, BIOL 1107L) or (BIOL 1107E, BIOL 1107L) or (BIOL 1107H, BIOL 1107H)
- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1211, CHEM 1211L)
- MATH 2200 or MATH 2250 or MATH 2250E or MATH 2300H
- STAT 2000 or BIOS 2010 or MSIT 3000 or MSIT 3000E or MSIT 3000H
- Completion of an application
- 2.50 or greater GPA on all completed college work

**Natural Resource Management and Sustainability (B.S.F.R.)**

*Current:*

- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1212, CHEM 1212L) or (CHEM 1312H, CHEM 1312L)
- MATH 2200 or MATH 2250 or MATH 2300H or MATH 2400H
- STAT 2000 or STAT 2100H or BIOS 2010
- Completion of University of Georgia Core Areas I-V
- Completion of an application
- 2.50 or greater GPA on all completed college work

*Proposed:*

- (BIOL 1107, BIOL 1107L) or (BIOL 1107E, BIOL 1107L) or (BIOL 1107H, BIOL 1107H)
- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- (CHEM 1211, CHEM 1211L)
- MATH 2200 or MATH 2250 or MATH 2250E or MATH 2300H
- STAT 2000 or BIOS 2010 or MSIT 3000 or MSIT 3000E or MSIT 3000H
- Completion of an application
- 2.50 or greater GPA on all completed college work

**Parks, Recreation, and Tourism Management (B.S.F.R.)**

*Current:*

- (BIOL 1104, BIOL 1104L) or (BIOL 1104H, BIOL 1104L) or (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L)
- STAT 2000 or STAT 2100H or BIOS 2010
- ANTH 1102 or ANTH 2120H or GEOG 1101 or GEOG 2010H or INTL 1100 or INTL 1100H or FANR(MARS) 1100 or FANR 1100E or PRTM 1100E
- Completion of University of Georgia Core Areas I-V
- Completion of an application
- 2.50 or greater GPA on all completed college work

*Proposed:*

- (BIOL 1107, BIOL 1107L) or (BIOL 1107E, BIOL 1107L) or (BIOL 1107H, BIOL 1107H) or (BIOL 1103, BIOL 1103L) or (BIOL 1103E, BIOL 1103L) or (BIOL 1103H, BIOL 1103L)
- (BIOL 1108, BIOL 1108L) or (BIOL 2108H, BIOL 2108L) or (BIOL 1104, BIOL 1104L) or (BIOL 1104H, BIOL 1104L)
- MATH 1101 or MATH 1113 or MATH 1113E or MATH 2200 or MATH 2250 or MATH 2250E or MATH 2300H
- (CHEM 1110, CHEM 1110L) or (CHEM 1211, CHEM 1211L)
- STAT 2000 or BIOS 2010 or MSIT 3000 or MSIT 3000E or MSIT 3000H
- Completion of an application
- 2.50 or greater GPA on all completed college work

### **3. Results**

How will the proposed requirement solve the academic problems outlined in the justification?

- Earlier admission into the professional programs will allow students to distribute major courses over more semesters, creating greater scheduling flexibility for students and alleviating the need for extra, under-enrolled lab sections.
- Early professional programs admission is likely to increase student attraction to the majors and retention among pre-professional students.
- Students entering the professional programs in their 2nd year will meet with faculty advisors prior to the summer between their 2nd and 3rd years, creating additional options for mentoring regarding summer internships, summer jobs, Double Dawgs pathway options, etc.
- Majors would offer three-year recommended course sequences in addition to the existing two-year course sequences. First- and second-year transfer students, which account for more than 50% of all Warnell majors, could take advantage of a three-year course sequence with greater scheduling flexibility.
- Earlier admission to the professional programs would allow for the creation of more Double Dawgs options and greater sequencing options to allow more students to complete the Double Dawgs program in 5 years.

### **4. Consequences of the Requirement**

a. How will this requirement affect the major involved?

We anticipate some growth in the majors due to students entering the professional programs sooner. We are not proposing any reduction in major requirements and associated resource demands, only adding increased scheduling flexibility for students.

b. What effects are anticipated on other majors within the University?

None are anticipated.

c. Are there any other anticipated effects on enrollment patterns within the University?

None are anticipated other than potentially improving retention of our pre-professional students.

**Approvals:**



Associate Dean for Academic Affairs

September 18, 2019

Date



Dean

September 18, 2019

Date