UNIVERSITY OF GEORGIA

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University Council

March 19, 2021

UNIVERSITY CURRICULUM COMMITTEE – 2020-2021
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Dear Colleagues:

The attached proposal from the Franklin College of Arts and Sciences to establish entrance requirements for the major in Computer Science (B.S.) will be an agenda item for the March 26, 2021, Full University Curriculum Committee meeting.

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: February 19, 2021

School/College: Franklin College of Arts and Sciences

Department/Division: Computer Science

Program (Major and Degree): Computer Science (B.S.)

Proposed Effective Date: Fall 2021

1. Justification

What is the academic justification for instituting the requirement?

In Computer Science (B.S.), the courses build upon one another. If a student does not receive a "C" (2.0) or higher in an introductory class, they will not be successful in higher-level courses. Students are currently completing introductory courses without the necessary level of mastery. They then continue into courses they are not ready for and end up confused and frustrated.

To use the language of the Academic Affairs Policy Statement No. 9, Establishing or Changing the Entrance Requirements or High-Demand Status of an Undergraduate Major, special skills or abilities are required to complete major courses. In this case, students need to have basic to intermediate programming skills before attempting upper-level courses.

2. **Requirements**

What specific entrance requirements are proposed?

To be admitted into the major, students must have completed the following courses with a grade of "C" (2.0) or higher: CSCI 1301-1301L, CSCI 1302, CSCI 1730, CSCI 2610, CSCI 2670, CSCI 2720, and MATH 2250 (or their equivalents).

3. Results

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

The requirement will ensure that students have received an acceptable grade in the introductory courses before moving on into the upper-level courses. This will ensure a smoother transition into upper-level courses. Overall, this will benefit students and faculty.

4. Consequences of the Requirement

a. How will this requirement affect the major involved?

This entrance requirement will enable the Computer Science students to navigate through their subsequent courses with the necessary background that will enable them to succeed. With this requirement, based on the recommendation from the PRAC Review Committee and the fact that big companies such as Google and Microsoft have stopped recruiting our students due to the lack of their strong background, students will have the knowledge and the background that will enable them to compete with students from other institutions to work for such companies and be successful if they choose to continue their graduate education.

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

This change would not affect other majors.

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

There are no other anticipated effects.

Approvals on File

Proposal: Entrance Requirements for the major in Computer Science (B.S.)

College: Franklin College of Arts and Sciences

Department: Computer Science

Proposed Effective Term: Fall 2021

Department:

- Computer Science Department Head, Dr. Thiab Taha, 2/19/21

School/College:

- Franklin College of Arts and Sciences Associate Dean, Dr. Jean Martin-Williams, 03/15/21

Proposal Notification:

- College of Agricultural and Environmental Sciences Dean, Dr. Nick Place, 3/15/21
- College of Agricultural and Environmental Sciences Associate Dean, Dr. Josef Broder, 3/15/21
- College of Agricultural and Environmental Sciences Assistant Dean, Dr. Douglas Bailey, 3/15/21
- Franklin College of Arts and Sciences Dean, Dr. Alan Dorsey, 3/15/21
- Franklin College of Arts and Sciences Associate Dean, Dr. Jean Martin-Williams, 3/15/21
- Terry College of Business Dean, Dr. Benjamin Ayers, 3/15/21
- Terry College of Business Associate Dean, Dr. Henry Munneke, 3/15/21
- Odum School of Ecology Dean, Dr. John Gittleman, 3/15/21
- Odum School of Ecology Associate Dean, Dr. John Drake, 3/15/21
- Mary Frances Early College of Education Dean, Dr. Denise Spangler, 3/15/21
- Mary Frances Early College of Education Associate Dean, Dr. Stacey Neuharth-Pritchett, 3/15/21
- College of Engineering Dean, Dr. Donald Leo, 3/15/21
- College of Engineering Associate Dean, Dr. Ramaraja Ramasamy, 3/15/21
- College of Environment and Design Dean, Dr. Sonia Hirt, 3/15/21
- College of Environment and Design Associate Dean, Ms. Ashley Steffens, 3/15/21
- College of Family and Consumer Sciences Dean, Dr. Linda Kirk Fox, 3/15/21
- College of Family and Consumer Sciences Associate Dean, Dr. Sheri Worthy, 3/15/21
- Warnell School of Forestry and Natural Resources Dean, Dr. Dale Greene, 3/15/21
- Warnell School of Forestry and Natural Resources Associate Dean, Dr. Robert Bringolf, 3/15/21
- Grady College of Journalism and Mass Communication Dean, Dr. Charles Davis, 3/15/21
- Grady College of Journalism and Mass Communication Associate Dean, Dr. Maria Len-Rios, 3/15/21
- School of Law Dean, Mr. Peter “Bo” Rutledge, 3/15/21
- School of Law Associate Dean, Mr. Randy Beck, 3/15/21
- College of Pharmacy Dean, Dr. Kelly Smith, 3/15/21
- College of Pharmacy Assistant Dean for Student Affairs, Dr. Duc Do, 3/15/21
- College of Public Health Dean, Dr. Marsha Davis, 3/15/21

- College of Public Health Associate Dean, Dr. Erin Lipp, 3/15/21
- School of Public and International Affairs Dean, Dr. Matthew Auer, 3/15/21
- School of Public and International Affairs Associate Dean, Dr. John Maltese, 3/15/21
- School of Social Work Dean, Dr. Anna Scheyett, 3/15/21
- School of Social Work Associate Dean, Dr. Shari Miller, 3/15/21
- College of Veterinary Medicine Dean, Dr. Lisa Nolan, 3/15/21
- College of Veterinary Medicine Associate Dean, Dr. Andrew Parks, 3/15/21